

**A Thesis/Project/Dissertation Report  
ON**

**FRESH MARKET HUB RELATED ECCOMERCE**

*Submitted in partial fulfillment of the requirement for the award of the  
degree of*

**B.TECH (CSE)**



(Established under Galgotias University Uttar Pradesh Act No. 14 of 2011)

**Under The Supervision of  
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GREATER NOIDA  
INDIA OCTOER, 2022**



**SCHOOL OF COMPUTING SCIENCE AND ENGINEERING  
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**CANDIDATE'S DECLARATION**

I/We hereby certify that the work which is being presented in the thesis/project/dissertation, entitled "**FRESH MARKET HUB RELATED ECCOMERCE**" in partial fulfillment of the requirements for the award of the B.TECH submitted in the School of Computing Science and Engineering of Galgotias University, Greater Noida, is an original work carried out during the period of August,2021 to December,2021, under the supervision of **Dr. M.Thirunavukkarasan, Assistant Professor** , Department of Computer Science and Engineering/Computer Application and Information and Science, of School of Computing Science and Engineering , Galgotias University, Greater Noida

The matter presented in the thesis/project/dissertation has not been submitted by me/us for the award of any other degree of this or any other places.

Yagyadeep Pandey ,18SCSE1010192

Parth Chaturvedi , 18SCSE1010671

**This is to certify that the above statement made by the candidates is correct to the best of my knowledge.**

**Dr.M.Thirunavukkarasan**

**Assistant Professor**

## CERTIFICATE

The Final Thesis/Project/ Dissertation Viva-Voce examination of **Yagyadeep Pandey** :  
**18SCSE1010192, Parth Chaturvedi : 18SCSE1010671**, has been held on \_\_\_\_\_ and his/her work  
is recommended for the award of B.TECH.

Signature of Examiner(s)

Signature of Supervisor(s)

Signature of Project Coordinator

Signature of Dean

Date: November, 2013

Place: Greater Noida

## **ABSTRACT**

In this era of very well connected world through Internet, e-commerce businesses are growing rapidly with more advance and relaxing facilities. Still the electronic business are unable to fulfilling all the requirements, requirement which are continuously changing as time passes. As the daily life of almost every individual is getting more busy , He/she are starting to prefer E-Commerce and choose to wait for days, instead of local market ,although many a times things are available in the markets itself.

In this project we are trying to providing a solution for providing E-Commerce like facilities within the particular region/cities, local markets, through the electronic medium like E-Commerce.

We are developing a website application for almost every scale of city where the seller can register themselves & their shop and buyer can purchase the things and get delivered at address. Our product will also provide the scope for local merchants for selling their goods parallel online. Thus the product overcoming the drawbacks of the existing systems like: Like human error, reducing data redundancy to some extent, providing data consistency. Record keeping. Easy data updating.

This paper outlines different aspects of developing an e-commerce website and the optimum solution to the challenges involved in developing one. It consists of the planning process, which starts with determining the use case, domain modeling and architectural pattern of the web application. The entire development process is primarily divided into two parts: the front-end development and the back end development. The database design is also discussed with an emphasis on its relational connectivity.

Our project basically provides a website. This website is time efficient which mean you save your valuable time and reliable facilities provide to our customers and also provide employment and dignity for our employees. Student using a variety of methods - questionnaires, well-organized individual interviews, and focus groups, the current study put students' views on the integration of e-commerce into their coding and blogging sections. To that end, the researcher conducted a long-term survey by collecting data from students who visited the private engineering institutes from 2018-2021.

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## INTRODUCTION

The trend towards increasing in the use of information technology continues and the challenge still remains how to do it better to manage IT projects in order to maximize their economic benefits still provided advance and better service.

The Fresh Market Hub is related to E-commerce is the process of doing the business online via computer networks using Internet. The primary purpose of the Fresh Market Hub related E-Commerce site is to sell goods and services online. Online shopping can be a kind of electronic store or platform where the consumer meets the seller's product online. The program helps the individuals to purchase products, products and services online by selecting listed products from the website (Fresh Market Hub related E-Commerce site). The go-cart is especially useful for anyone I don't have time to go shopping. Go-cart can be an important feature used in Fresh Market Hub related E-Commerce to help people shopping online. The process of buying and selling is computerized or cash-based delivery. User can sign in to the Fresh Market Hub related E-Commerce website, once signed in automatically one carriage will be built, as well the user selects an item that will increase the cart. Unlike traditional trade that is still physically distributed through human effort to navigating and finding products, Fresh Market Hub related E-Commerce has made it easier so that one can reduce manual labor and avoid it wasting time. The basic concept of use is allowing the customer to purchase is likely to use the net as well allow customers to purchase items and articles for their desire in the store.

The web site will also provide a comprehensive market report, of the purchase our services to the workers in a collaborative manner. In a rural area, an SMS location will provide the necessary market information where the internet cannot be accessed.

Fresh Market Hub related E-Commerce is quick to find ground as an acceptable and used paradigm. In the last few years, we can see a rapid change in technology. Technological changes in all sectors have contributed significant difference, leading to customer development in terms of services. Consumer behavior rapid change; customers are empowered, connected and expect unprecedented level of service and ease of use. The growth of Fresh Market Hub related E-Commerce made it available to more companies, Amazon is now the world's largest Fresh Market Hub related E-Commerce company followed by Just Dial, eBay, Shopify, etc. The impact of Fresh Market Hub related E-Commerce is staggering, the number of online shoppers has gradually increased with more commerce use online. Consumers are too busy these days to go shopping. Therefore, commerce has made their lives much easier. Customers today search through Fresh Market Hub related E-Commerce about the products they desire to buy. The companies have a powerful search engine that shows hundreds of products that fit the needs of consumers.

It's like an evergreen platform for your projects, case studies, and information about you. In addition, it's one of the best ways to express your personality, experience, and capabilities. Having



your own website means customers are always able to find you and if interested, reach out for you.

## 1.2 Formulation of problem domain

You're happy with the whole thing you've executed, and those need to see an awful lot of your work as viable, right? Wrong. Capacity customers and employers don't wish to spend a long time trawling via your lower back catalog till they find something they like. They're more likely to look at one or pieces and make a snap selection. So, you want to be ruthless in selecting only your absolute quality work and placing it the front and center.

### **Request for huge changes at the later phases -**

There may be always a hazard that stakeholders may demand any principal adjustments at the later part of the project. These types of adjustments might also spoil a complete task. As every section of the challenge is linked with the previous elements. A main exchange might also require changes that are almost not possible to do. For instance, converting any functionality of the website can also effect images design, net design, web programming, Backend programming, and assets wanted. This type of amendment will take a high-quality toll on the mission team. Capacity response: paper works of scopes and assignment necessities have to be documented nicely and signed by way of stakeholders. There have to be documentation for the situation if any important modifications are demanded. It should nation the additional time and other sources.

**Software bugs-**Software bug is a common problem in programming projects. If any bug is discovered it can delay the completion of the website. It is also possible that a bug in the core can lead to a complete overhaul of the website. These bugs can occur by human errors, development tools or hardware. Potential Response: The project has two main resources to do the job. Senior Web Programmer . Both are experienced in their field. So it is expected they have the ability to identify the problem as early as possible and fix it. It takes time and money, the project team has provisions for that. We can also appoint external programmer to assist in debugging procedures.

### **Miscommunications-**

The miscommunication can hamper the task significantly. To get the favored result all of the actions taken have to be rationalized within the meetings and other varieties of communique. Also, the assignment is enormously dependent on separate responsibilities. If one venture isn't achieved nicely it can abate other responsibilities. It's also required to make clear the requirements by the following section. Additionally, miscommunication can create a terrible impact on the stakeholders. Miscommunication can lead to outputs which might be incompatible with other phases. It's also essential that if every person identifies any hassle he/she need to inform others. Without top communication, this sort of trouble has a high hazard of happening.

Potential Response: Set up conferences regularly and timely. Provide anyone area to give their opinion. Prepare adequate documentation to make clear the matters. Provide everybody with a communications listing so that each person can hook up with all of us without delay.

### **It doesn't work on mobile**

How to do it: art-directed site performs as well on mobile as on desktop How to do it: Design smartly art-directed site performs as well on mobile as on desktop. The best way for someone to view your portfolio is always going to be on a big, beautiful widescreen monitor (see our best

ultrawide monitors). But you can't guarantee that's what will happen.

These days, it's increasingly likely that potential clients and employers will be viewing your portfolio site on mobile devices. So you need to make sure it's not going to look awful on a small screen. Most importantly, can you view the images properly, or do they reduce down to tiny, formless thumbnails? If the answer to that question is yes, then your site is not fit for purpose.

### **Dynamic Market-**

Once you're happy with your portfolio site, don't just 'set it and forget it'.

Potential clients and employers may well look at your site a number of times over the course of a year. If nothing new is added, they may assume you've had no work. So think about how you can refresh the site on a regular basis. Could you add new work examples, refresh the design or maybe even add a blog?

Also, sign on with Google Analytics to find out how many people are visiting the site, and which bits they're most interested in. Don't jump to unwarranted conclusions, but do use this information to improve the site and its content, bit by bit, over time.

### **1.3 Purpose-**

The purpose is to design a portfolio Webpage that contains up to date or accurate information about the person. That should improve efficiency and flexibility of self-record management and tech fun and provide a common and or simple platform for everyone to access the self-information. The system consists of different modules such as about, detail of employee etc. Our main purpose is to create software that will manage the working of these different modules. The inter-connectivity among modules reduces the time to perform different operational tasks.

### **1.4 Keyword**

Website design, usability, navigation, organization, simplicity.

## LITERATURE REVIEW

Some preliminary works on e-business and banking have been made through using data analysis. This literature review was also conducted to help put the research methodology in a better conceptual framework. In this regard the review focused on: the evolution and definition of e-business; processes of e-business adoption; benefits, barriers and challenges to e-business adoption. E-Business probably began with electronic data interchange in the 1960s (Zwass, 1996). However, (Melao, 2008) suggests that it was only in the 1990s, primarily via the Internet, that e-Business has emerged as a core feature of many organizations. In his opinion, the hope was that e-Business would revolutionize the ways in which organizations interact with customers, employees, suppliers and partners. Some saw e-Business as part of a recipe to stay competitive in the global economy. The term "e-Business" has a very broad application and means different things to different people. Furthermore, its relation with e-commerce is at the source of many disagreements. (Melao, 2008). A more comprehensive definition of e-business is: "The transformation of an organization's processes to deliver additional customer value through the application of technologies, philosophies and computing paradigm of the new economy." In a simple sense, E-Business can be defined as, "the organized effort of individuals to produce and sell, for profit, products and services that satisfy society's needs through the facilities available on the Internet" (Brahm Canzer, 2009) Some authors view e-Business as the evolution of e-commerce from the buying and selling over the Internet, and argue that the former is a subset of the latter. (Turban et al., 2006). Others defend that, although related, they are distinct concepts (Laudon and Traver, 2008). Others use both terms interchangeably to mean the same thing (Schneider, 2002). (Kalakota and Robinson, 2000) proposed a definition of e-business that clearly stresses the difference between e-commerce and e-business. More precisely they assume that "e-business is not just about E-Commerce transactions or about buying and selling over the Web; it is the overall strategy of redefining old business models, with the aid of technology, to maximize customer value and profits". Kalakota and Robinson's definition is of great importance because it describes e-business as an essential business-reengineering factor that can promote company's growth.

The global standardized corporation (ISO) defines use as a means by using which customers can accomplish the responsibilities they are looking for (e.G., access to the facts you need or buy) on efficiency (completeness and accuracy of work), efficiency (time spent in this challenge), and delight (person revel in) inside the system. But, at present, there's no consensus on the way to efficaciously perform and display internet site usage. As an instance, a leading portfolio web page designer pals usage with readability, efficiency, reminiscence, mistakes, and satisfaction setting that user is decided by download time, navigation, content material, communication, and feedback. Much like usability, many different key structural elements, such as scanning, clarity, and visual aesthetics, have now not been certainly defined (Bevan, 1997; yagyadeep & parth, 2019; yagyadeep & Parths, 2018), and there are no clean hints that people can comply with while designing websites to growth engagement.

This evaluation targets to reply to that query by figuring out and integrating key website design factors that contribute to consumer engagement in step with previous research studies. This overview goal to clarify website design functions that are particularly publicized or cautioned to growth person engagement. Based totally on those findings, we've got written and defined a shortlist of website design elements that better put together and are expecting personal engagement. It is consequently the work of experimental research that provides descriptions of those internet site building elements and the primary area for future studies to be addressed.

This examination explores the recent use of task portfolio management (ppm) methodologies inside the public service. A literature overview became performed to discover the traits of public businesses that provoke the adoption of the ppm, the methodologies and practices which have been used, and different applicable aspects of the subject.

Personal and public agencies purpose to grow, and, for this, is vital to coordinate changes and the agency's approach. Tasks are chargeable for organizational changes and the techniques' implementation is carried out through the assignment's execution. Described a task portfolio as a fixed of tasks to be able to be carried out within relevant coordination. The portfolio control conducts the initiatives of a corporation to make certain that the right set of initiatives may be finished through the allocation of the important assets to them. The challenge choice and sources allocation should be reviewed and amended periodically to lessen task expenses, limit the risks to which the company is uncovered and optimize benefits the proper tasks' execution (ett barn jr. Et al, 2005). Furthermore, the portfolio is a manner to keep the company's attention in the long term (Munson and Spivey, 2006), making the long term clearer for the agency (miller and evje, 1999).

Then again, Scheinberg and Stretton (1994) stipulated that the principle parameters to measure the portfolio's success inside the public area are defined by using the political government or contracts made with companions.

In the early Nineteen Eighties, the public region initiates a reform that is referred to as new public management (npm). The npm is vital as it made that the general public zone adopted management techniques from the personal region to improve the public provider's performance and outcomes. Undertaking portfolio control is one of the personal sector strategies that have been followed via the general public zone.

This study intends to deepen the literature review protecting the undertaking portfolio control in the public region contributing to this studies area via a bibliometric technique the use of an extensive seek string in two of the maximum vital academic studies databases (Scopus and ISI net of technological know-how).

The goal of the present-day take a look at is too intricate an overview of the educational literature in this research subject, figuring out the main relevant elements of project portfolio control in the public sector.

## REQUIREMENTS, FEASIBILITY AND SCOPE/OBJECIVE

### Requirements.

#### Hardware:

1. Processor: Minimum 2.0GHz requires.
2. Ram: 2 GB.
3. Hard Disk: 10 GB.
4. Input device: Standard Keyboard and Mouse.
5. Output device: VGA and High-Resolution Monitor.

#### Software:

Operating System: Windows 7, 8, 8.1 or 10  
Net Framework:4.5.1 or above  
Language: JS, HTML5, CSS  
Tool: Visual Studio, MATLAB, bootstrap, WordPress, photo shop.

### Feasibility.

It's far the procedure with the aid of which the development of a records gadget company is beneficial or effective. It's miles designed to determine if a brand new development is needed. The program. This web page introduces the program into the context of gaining knowledge of why it really works higher than it presently does the machine. 3 key regions of potential studies are recognized: operational feasibility, generation feasibility, financial viability, and order of making plans. Subsequent research was achieved to decide whether the system will take the following step in improvement: feasibility method how sensible approach to the hassle feasibility evaluation for website initiatives the general idea of feasibility is associated with initiatives of all sectors. Whenever a venture of any type is to be carried out systematically, via cautious attention and - anywhere feasible - the size of the parameters involved, feasibility observation will become a fundamental part of the project paintings. Within the subject of software development, due mainly to conceptual difficulties in figuring out the proper parameters to measure, this engineering approach has been slow to take preserve. Net improvement, as a related sub-field, has suffered

from equal hassle. An important query to be taken into consideration is that a feasibility observation needs to be surprisingly reasonably priced and quick, and it must inform the selection of whether or not to head ahead with an extra detailed evaluation. The input to a feasibility study is an outline description of the gadget and how it'll be used within an enterprise and the result needs to be a document that recommends whether or not it's far really worth wearing on with the improvement of the venture. A more well-known description of the targets of feasibility in which it is defined as having to cowl 4 extraordinary dimensions every time a new gadget (hardware or software) is to be introduced, there's a need to examine the brand new gadget in every component or way before running on it. We get the idea of whether the mission is okay or no longer.

### **Scope:**

Our project provides identification in our site. Our project provides time efficiency to our customer. We provide employment for hiring according to their skill. We provide flexibility to our customers to pick people in your flexibility.-We provide a better solution in digital based industry.Only a person is enough to maintain all the reports and records. The security can also be given as per the user requirement.

## **COMPLETE WORKPLAN/LAYOUT**

There are numerous steps within the website design and development system. From gathering initial records to the introduction of your website, and finally to protection to hold your internet site updated and contemporary.

The exact method will range barely from dressmaker to dressmaker, however, the basics are the same.

Despite traditional knowledge, the core part of our portfolio internet site improvement and design isn't always essential for the coding method. Indeed, such technology as HTML, CSS, and java script provides the net we realize its form and define the way we interact with the facts. But what typically remains backstage and, at the identical time, stays the essential part of our website improvement life cycle are the levels of initial facts collecting, distinctive planning, and publish-launch preservation.

In this file, we're explaining and showing the evaluation of our internet site. The general quantity of development levels commonly varies from five to 8, but on every occasion, the complete image stays pretty tons equal. Permit's pick the common price.

So, here are seven main steps of our web project:

- 1) Information Gathering,
- 2) Planning,
- 3) Design,
- 4) Content Writing and Assembly,
- 5) Coding,
- 6) Testing, Review and Launch,
- 7) Maintenance.

### **Website Development Timeline-**

When we think of building a website, our thoughts rotate around two main issues – price and time.

These two values depend largely on the size and scope of the project. To outline the whole development process, we created a website development timeline, adding tasks, and establishing milestones for our project. It is the best way to track our project implementation to make sure we keep up with the idea.

For this purpose, we prefer to use gantPro – a convenient, intuitive Gantt chart for online project planning. See the screenshot below:



fig-01

We’ve prepared a detailed description of the whole portfolio website development process, estimated time for each step, and a checklist to double check that doesn’t miss anything.

## Website Development Life Cycle

### Step 1. Gathering Information: Purpose, Main Goals, and Target Audience

This stage, the stage of coming across and studying, determines how the following steps will appear to be. The most essential project at this factor is to get clean expertise of our destiny internet site purposes, the main dreams we want to get, and the audience we need to attract to our website online. Such sort of an internet site improvement questionnaire helped to develop the first-class strategy in addition to undertaking control.

Unique forms of websites offer traffic with distinctive functionality, which means that different technology has to be used in keeping with functions. A properly described and designated plan primarily based on this pre development information can defend us from spending extra sources on solving sudden troubles which includes layout changing or adding the functionality that wasn’t to start with planning.

Estimated time: from 1 to 2 weeks

### Step 2. Planning: Sitemap and Wireframe Creation

At this stage of the website development cycle, the we created the data that allows a customer to judge how the entire site will look like.

Based on the information that was gathered together in the previous phase, the **sitemap** is created. Here is the sitemap of the XB Software website:

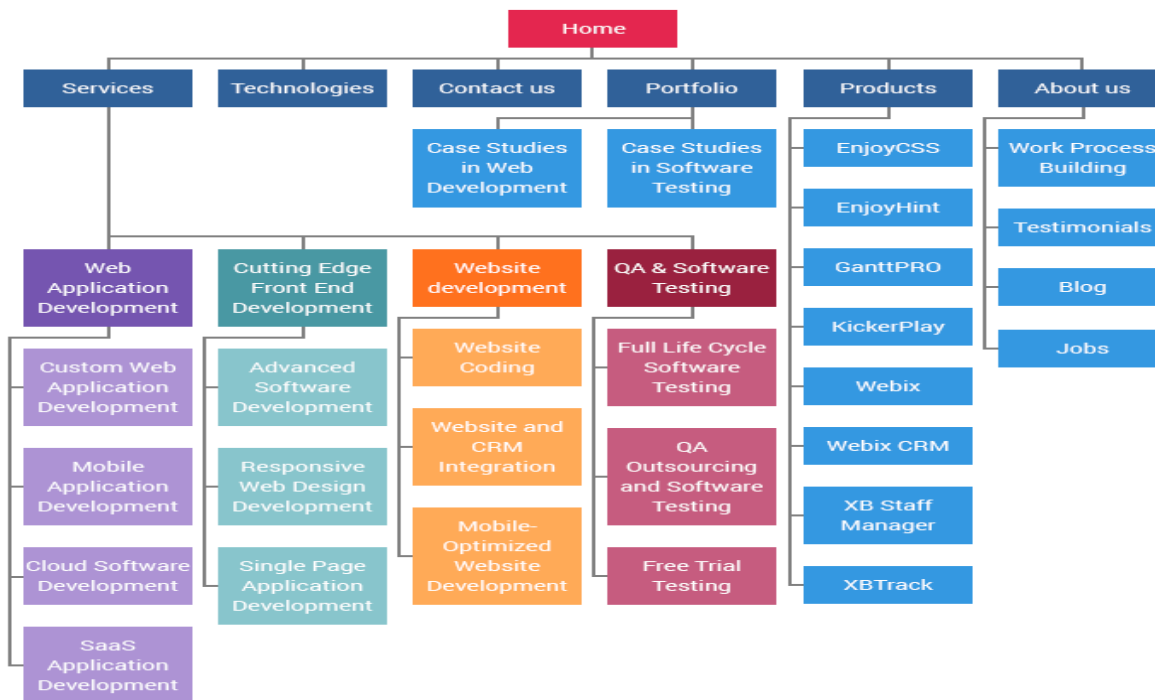


fig-02

The sitemap should describe the relations between the main areas of our website. Such representation could help understand how usable the final product will be. It can show you the “relationship” between the different pages of a website, so you can judge how easy it will be for the end-user to find the required information or service if he starts from the main page. The main reason behind the sitemap creation is to build a user-friendly and easy to navigate website.

The sitemap allows us to understand how the inner structure of a website looks like but doesn’t describe the user interface. Sometimes, before we start to code or even work on a design, there’s a necessity to get approval from a customer that everything looks fine so we can begin the next phase of developing. In this case, a **wireframe** or **mock-up** is created. A wireframe is a visual representation of the user interface that we were going to create. But it doesn’t contain any design elements such as colors, logos, etc. It only describes the elements that will be added to the page and their location. It’s artless and cheap in production sketch.

We used Mockups. Here’s how the wireframe can look like:



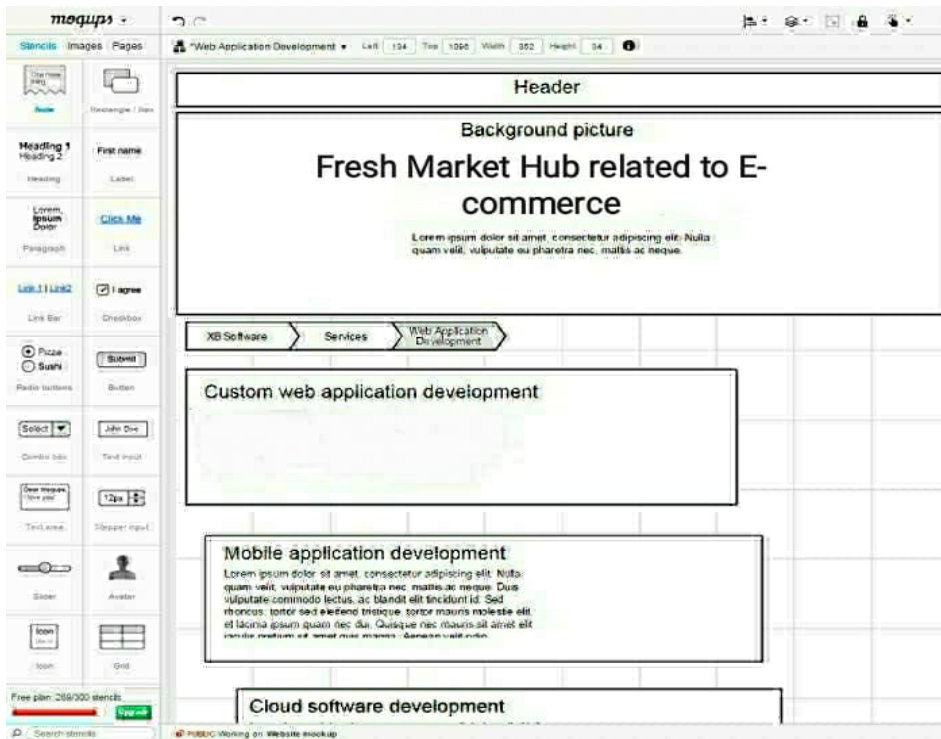


fig-03

The other important thing is select technology stack – programming language, frameworks, CMS that you're going to use.

Estimated time: from 2 to 5 weeks

### Step 3. Design: Page Layouts, Review, and Approval Cycle

Throughout the layout segment, our internet site took shape. All the visible content material, together with pix, photos, and movies is created at this step. Once more, all the data that was collected through the first segment is essential. The client and audience ought to be stored in thoughts even as we worked on a layout.

The website layout is the result of our tough and time taking work. It may be a picture caricature or an actual photograph design. The number one function of the layout is to represent the shape of the record, visualize the content material, and demonstrate the primary capability. Layouts include colors, logos, images and can provide a general understanding of the destiny product.

After that, the customer can review the layout and ship us their comments. If the consumer isn't sure approximately a few aspects of our design, we exchange the format and send it again to them. This cycle must be repeated until the consumer is completely satisfied.

Estimated time: from 4 to 6 weeks

### Step 4. Content Writing and Assembly

Content writing and compiling generally overlap with other tiers of website advent, and its position can't be underestimated. at this step, it is essential to put in writing the very essence we'd want to speak to the target audience of our website and upload calls-to-movement. Content material writing additionally entails the advent of catching headlines, textual content modifying, writing new text, compiling the prevailing text, etc., which takes effort and time. Customarily, the patron undertakes to offer internet site content geared up to migrate to the site. It's far better whilst

all website content material is supplied earlier than or in the course of website coding.

Estimated time: from 5 to 09 weeks

## **Step 5. Coding**

At this step, finally, we began developing the website itself. Picture elements that have been designed at some stage in the preceding levels be used to create a real website. Generally, the home web page is created first, and then all sub-pages are added, according to the website hierarchy that changed into previously created inside the shape of a sitemap. Frameworks and CMS are implemented to make sure that the server can handle the installation and set-up easily.

All static internet page factors that had been designed at some point of the mock-up and layout introduction be created and examined. Then, special features and interactivity are brought. A deep understanding of the website development era that we were going to use is crucial in this section.

When we use CMS for web page introduction, we additionally established CMS plugins at this step if there's a want. The other vital step is search engine optimization (search engine optimization). SEO is the optimization of website elements ( e.g., name, description, keyword) that could help our website attain better scores inside the search engines. And, once more, valid code is pretty essential for search engine optimization so we're operating on it.

Estimated time: from 6 to 15 weeks

## **Step 6. Testing, Review, and Launch**

Testing is probably the most routine part of a process. Every single steps be tested to make sure that there are no broken ones among them. We try to check every form, every script, run a spell-checking software to find possible typos. Use code validators to check if our code follows the current web standards. Valid code is necessary, for example, if cross-browser compatibility is crucial for us.

After we check and re-check our website, it's time to upload it to a server. An FTP (File Transfer Protocol) software is used for that purpose. After we deployed the files, we run yet another, final test to be sure that all our files have been installed correctly.

Estimated time: from 2 to 3 weeks

## **Step 7. Maintenance: Opinion Monitoring and Regular Updating**

What's important to remember is that a website is more of a service than a product. It's not enough to "deliver" a website to a user. We also did to make sure that everything works fine, and everybody is satisfied and always be prepared to make changes in another case.

The feedback system added to the site will allow us to detect possible problems the end-users face. The highest priority task, in this case, is to fix the problem as fast as we can. If we won't, we may find one day that our users prefer to use another website rather than put up with the inconvenience.

The other important thing is keeping our website up to date. If we use a CMS, regular updates will prevent you from bugs and decrease security risks.

Estimated time: ongoing

## **Bonus: Website Development Checklist**

To make sure we didn't miss anything and do work on time, grab this checklist:

## **Portfolio Website Checklist**

### **Step 1. Information Gathering**

- Set goals for the website
- Define website's target audience

### **Step 2. Planning**

- Create a sitemap sketch
- Create a wireframe/mock-up
- Select technology stack  
(programming language, frameworks, CMS)

### **Step 3. Design**

- Create colorful page layouts
- Review the layouts
- Get client's feedback on the layouts
- Change the layout when required

### **Step 4. Content Writing and Assembly**

- Create new content
- Get content ready for migration

### **Step 5. Coding**

- Build and deploy website
- Add special features and interactivity
- SEO for the website

### **Step 6. Testing, Review and Launch**

- Test the created website
- Upload the website to server
- Final (regression) testing and launch

### **Step 7. Maintenance and Regular Updating**

- Add user report system
- Fix bugs asap
- Keep website up-to-day

fig 04

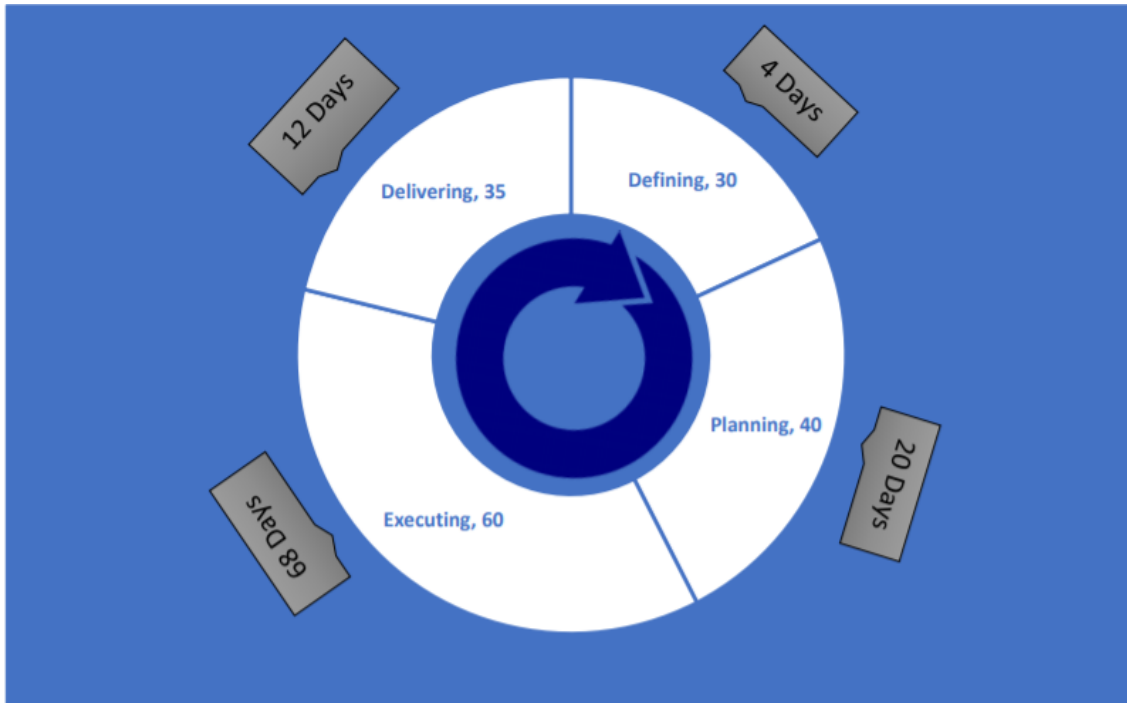


Fig: Product Life Cycle with Level of Effort and days

fig-05

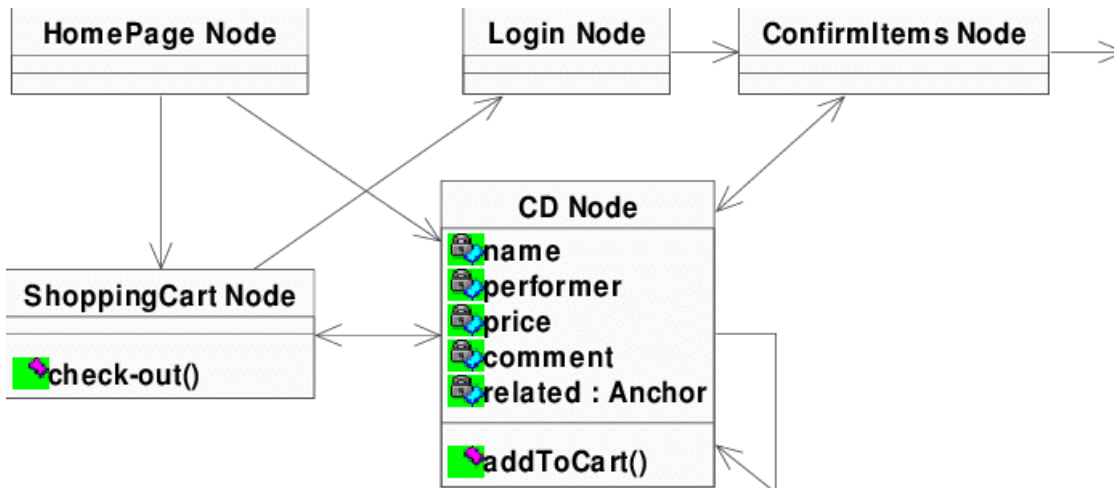


fig-06

# Use Case Diagram from for E-Commerce Websites

This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

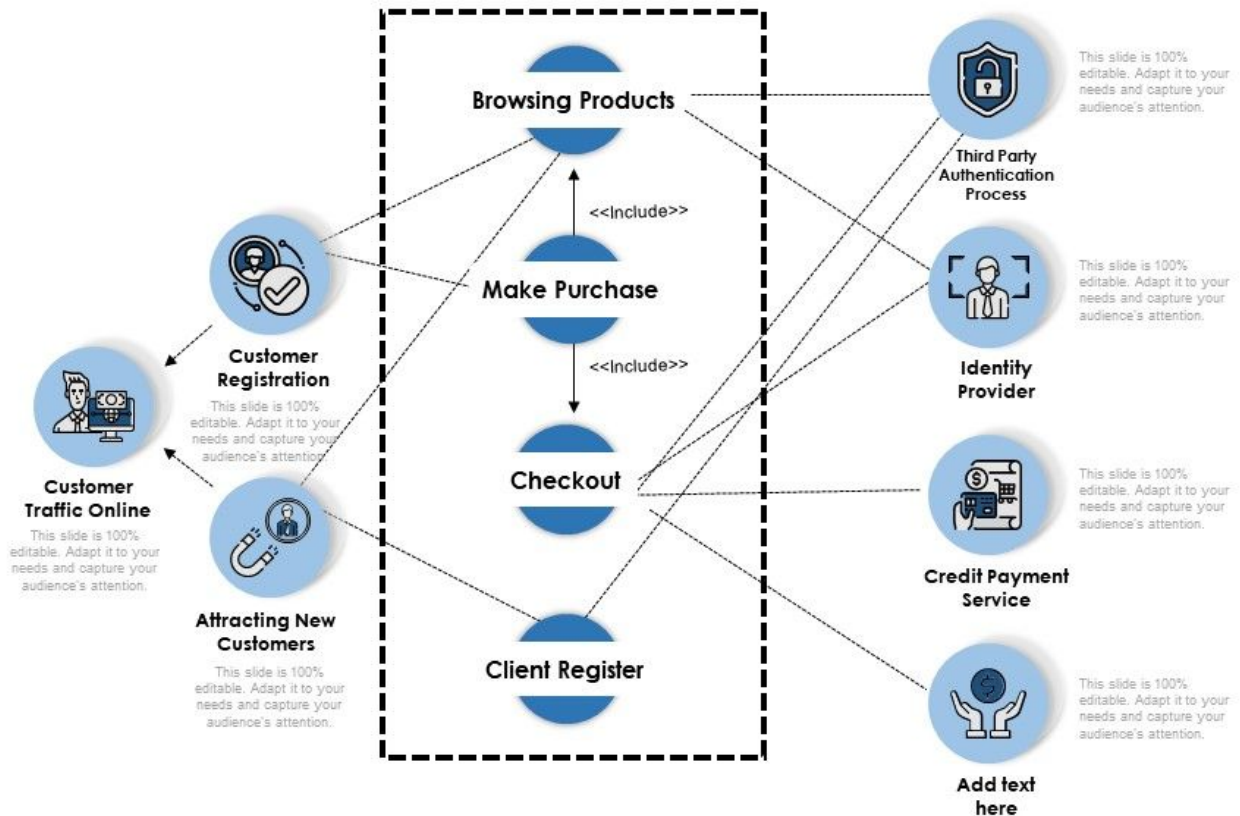


fig 07

## IMPLEMENTATION AND TESTING

Having an online architecture portfolio is essential to landing a job at the firm of your dreams. Follow this guide for the best practices and unique ideas for your portfolio.

Whether you're applying to a firm or working as a freelance architect, you'll need a solid portfolio to prove your worth as an architect—and in the digital age, it only makes sense to build your portfolio online. While it's ideal that you put together a printed or PDF portfolio, adding a professional website to your arsenal makes it easier for firms and potential clients to contact you and even share your work.

Here, we've put together a guide to everything you need to know to build a killer online architecture portfolio. Along with tips and best practices, you'll also find a list of simple and clean portfolio sites made with Format that you can turn to for inspiration.

Visual Studio Code editor showing the `index.html` file. The Explorer sidebar on the left shows the project structure for `PORTFOLIO_WEBSITE-MASTER`, including files like `6.jpg`, `about-us.png`, `blog1.jpg`, `blog2.jpg`, `blog3.jpg`, `blog4.jpg`, `blog5.jpg`, `body-bg.png`, `client-info-bg.png`, `footer-bg.png`, `logo.png`, `subscribe-bg.png`, `thumb1.jpg`, `thumb2.jpg`, `js`, `vendor`, `About.html`, `blog.html`, `Index.html`, `LICENSE`, `Portfolio.html`, `README.md`, and `Service.html`. The main editor area displays the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4
5 <head>
6   <meta charset="UTF-8">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <meta http-equiv="X-UA-Compatible" content="ie=edge">
9   <title>minorProject</title>
10
11   <!-- Bootstrap css file -->
12   <link rel="stylesheet" href="./css/bootstrap.min.css">
13
14   <!-- font awesome icons -->
15   <link rel="stylesheet" href="./css/all.min.css">
16
17   <!-- Magnific Popup css file -->
18   <link rel="stylesheet" href="./vendor/Magnific-Popup/dist/magnific-popup.css">
19
20
21
22   <!-- Owl-carousel css file -->
23   <link rel="stylesheet" href="./vendor/owl-carousel/css/owl.carousel.min.css">
24   <link rel="stylesheet" href="./vendor/owl-carousel/css/owl.theme.default.min.css">
25
26
27   <!-- custom css file -->
28   <link rel="stylesheet" href="./css/style.css">
29
30   <!-- Responsive css file -->
```

The status bar at the bottom indicates: `Ln 490, Col 77`, `Spaces: 4`, `UTF-8`, `LF`, `HTML`, `Port: 5500`.

Visual Studio Code editor showing the `index.html` file. The Explorer sidebar on the left shows the project structure for `PORTFOLIO_WEBSITE-MASTER`, including a `css` folder with subfolders like `partials`, `all.min.css`, `bootstrap.min.css`, `fonts.css`, `responsive.css`, `style.css`, `fonts`, `icons`, `img`, `js`, and `vendor`. The main editor area displays the following code:

```
48 </button>
49
50 <div class="collapse navbar-collapse" id="navbarSupportedContent">
51   <ul class="navbar-nav mr-auto">
52     <li class="nav-item active">
53       <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
54     </li>
55     <li class="nav-item">
56       <a class="nav-link" href="About.html">About</a>
57     </li>
58     <li class="nav-item">
59       <a class="nav-link" href="blog.html">blog</a>
60     </li>
61     <li class="nav-item">
62       <a class="nav-link" href="Portfolio.html">Portfolio</a>
63     </li>
64     <li class="nav-item dropdown">
65       <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data
66         Service
67       </a>
68       <div class="dropdown-menu" aria-labelledby="navbarDropdown">
69         <a class="dropdown-item" href="#">technologies</a>
70         <a class="dropdown-item" href="#">tech fun</a>
71         <div class="dropdown-divider"></div>
72         <a class="dropdown-item" href="#">write for us</a>
73       </div>
74     </li>
75
76
77 </ul>
```

The status bar at the bottom indicates: `Ln 490, Col 77`, `Spaces: 4`, `UTF-8`, `LF`, `HTML`, `Port: 5500`.

```
File Edit Selection View Go Run Terminal Help Index.html - Portfolio_Website-master - Visual Studio Code
EXPLORER
PORTFOLIO_WEBSITE-MASTER
css
  partials
  # all.min.css
  # bootstrap.min.css
  # fonts.css
  # responsive.css
  # style.css
fonts
icons
img
js
vendor
  About.html
  blog.html
  Index.html
  LICENSE
  Portfolio.html
  README.md
  Service.html
OUTLINE
0 tests 0 0 0 Ln 90, Col 15 Spaces: 4 UTF-8 LF HTML Port: 5500

</nav>
</div>
<div id="carouselExampleCaptions" class="carousel slide carousel-fade" data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carouselExampleCaptions" data-slide-to="0" class="active"></li>
    <li data-target="#carouselExampleCaptions" data-slide-to="1"></li>
    <li data-target="#carouselExampleCaptions" data-slide-to="2"></li>
  </ol>
  <div class="carousel-inner">
    <div class="carousel-item active">
      
      <div class="carousel-caption d-none d-md-block">
        <h2>welcome to our portfolio website</h2>
        <p>technology news,development and trend</p>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h2>Vlog,Travel</h2>
        <p>enjoy the new way of life.</p>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h2>Tech,Coding</h2>
        <p>World class coding training.</p>
      </div>
    </div>
  </div>
</div>
```

```
File Edit Selection View Go Run Terminal Help About.html - Portfolio_Website-master - Visual Studio Code
EXPLORER
PORTFOLIO_WEBSITE-MAS...
  fa-regular-400.eot
  fa-regular-400.svg
  fa-regular-400.ttf
  fa-regular-400.woff
  fa-regular-400.woff2
  fa-solid-900.eot
  fa-solid-900.svg
  fa-solid-900.woff
  fa-solid-900.woff2
  img
  js
  bootstrap.min.js
  jquery.3.4.1.js
  main.js
  vendor
  About.html
  blog.html
  Index.html
  LICENSE
  Portfolio.html
  README.md
  Service.html
OUTLINE
0 tests 0 0 0 Ln 138, Col 139 Spaces: 4 UTF-8 CRLF HTML Port: 5500

<!-- ===== Start About.html Area ===== -->
<div class="container my-2">
  <h2>Contact Us</h2>
  <form>
    <div class="form-group">
      <label for="exampleFormControlInput1">Email address</label>
      <input type="email" class="form-control" id="exampleFormControlInput1" placeholder="name@example.com">
    </div>
    <div class="form-group">
      <label for="exampleFormControlSelect1">Select your Query</label>
      <select class="form-control" id="exampleFormControlSelect1">
        <option>Web</option>
        <option>Tech Stack</option>
        <option>Technology</option>
        <option>Others</option>
      </select>
    </div>
    <div class="form-group row">
      <div class="col-sm-2">Are you a member?</div>
      <div class="col-sm-10">
        <div class="form-check">
          <input class="form-check-input" type="checkbox" id="gridCheck1">
          <label class="form-check-label" for="gridCheck1">
            Yes
          </label>
        </div>
      </div>
    </div>
  </form>
</div>
```

```
File Edit Selection View Go Run Terminal Help fonts.css - PortFolio_Website-master - Visual Studio Code
EXPLOER
PORTFOLIO_WEBSITE-MASTER
  css
  partials
  # all.min.css
  # bootstrap.min.css
  # fonts.css
  # responsive.css
  # style.css
  fonts
  icons
  img
  js
  JS bootstrap.min.js
  JS jquery.3.4.1.js
  JS main.js
  vendor
  < About.html
  < blog.html
  < Index.html
  LICENSE
  < Portfolio.html
  < README.md
  < Service.html
  OUTLINE
0 tests 0 0 0 Ln 1, Col 1 Spaces: 4 UTF-8 LF CSS Port: 5500
```

```
css > # fonts.css
1 /* @font-face */
2
3 @font-face {
4   font-family: "Roboto";
5   src: '../Fonts/Roboto/Roboto-Regular.ttf';
6 }
```

1. profile viewing, view their attendance, give feedback to their respective faculties, view notice and view academic time table. Generalizing E-college architecture is 3 tiers. The 3 tiers comprise of presentation layer, application logic layer and data layer. Any Information System needs to communicate with external entities, human users or other computers. Presentation layer allows these entities to interact with the system; it can also be implemented as a GUI interface and can be referred to as the client of the IS. Application layer do more than information delivery, they perform data processing (Business Logic and calculation) behind the results being delivered.



## I. Strategic-

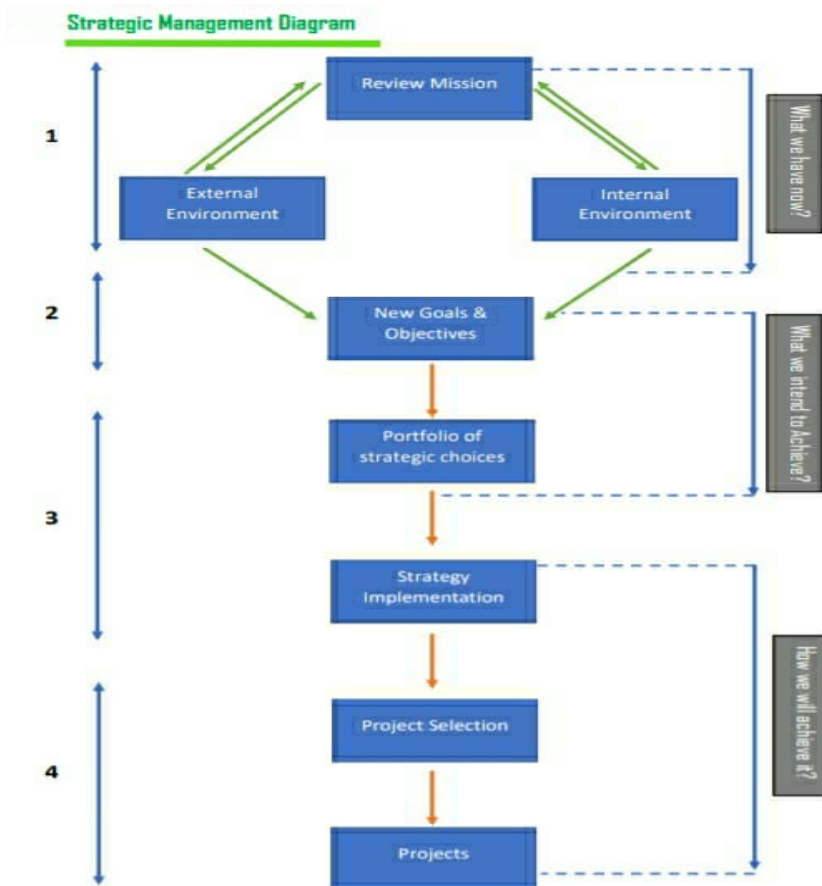


fig-08

## II. Description for Responsibility for Implementation(R= Responsible S=Supports)

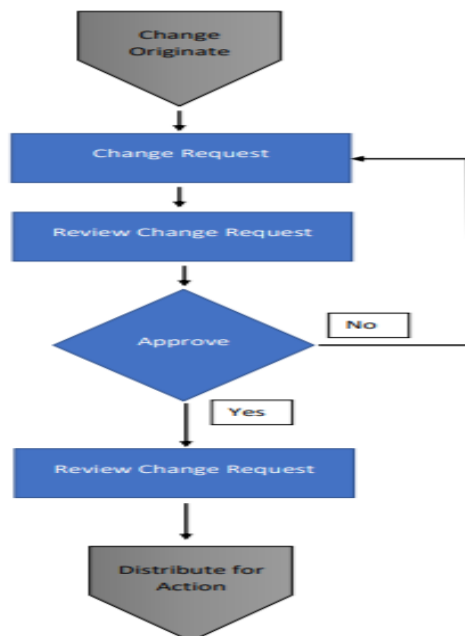
Task	Yagyadeep Pandey	Parth Chaturvedi
Graphic Design	S	R
Purchase	R	R
Web Development	R	S
Testing	R	R
Roll Out & Training	R	R

### III. Swot Analysis-

Before formulating any strategy, it is essential to predict the situation. To predict we need to use any analytical matrix. Here we used simple SWOT matrix.

	HELPFUL	HARMFUL
INTERNAL ORIGIN	<b>Strength</b> I. Good Integration with Department's personnel. II. Specialized only in Website building. III. Better team communication. IV. Use of the latest advanced technologies.	<b>Weakness</b> I. As all the members are of same age, lack of Chain of Command may arise. II. Relatively less experienced team. III. The team isn't a registered organization. IV. Lack of Human Power.
	EXTERNAL ORIGIN	<b>Opportunity</b> I. Low cost and almost no investment. II. Can hire specialist on demand. III. Less bureaucratic procedures. IV. Direct supervision of client. V. Open for any strategy change.

Change Control Process



IV. Change Control Process-

-09

fig

IV. Testing--

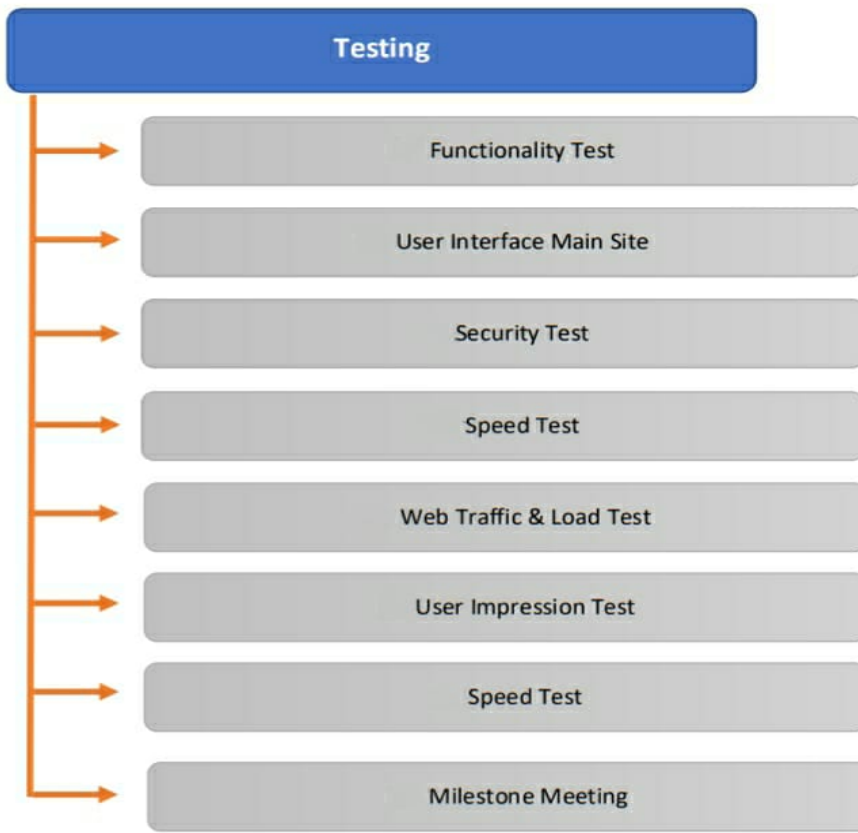


fig- 10

## V. Risk Management Approach-

To manage risks the team will use a systematic approach by which the team identified different risks associated with project. The risks that are most probable and has highest impacts is stated here in this schedule so that the persons responsible can take preventive measures early to reduce the risk. The meetings are arranged to give updates on the risks to the stakeholders and the sponsors. It is necessary to provide reports on the risk management if it is significant. The project manager and the members are responsible for these reporting. Once completed the project team will assess what risk factor arose and how they handle the risk. They will also analyze the outcome and check if there is any scope for improvements.

## The Risk Event Graph

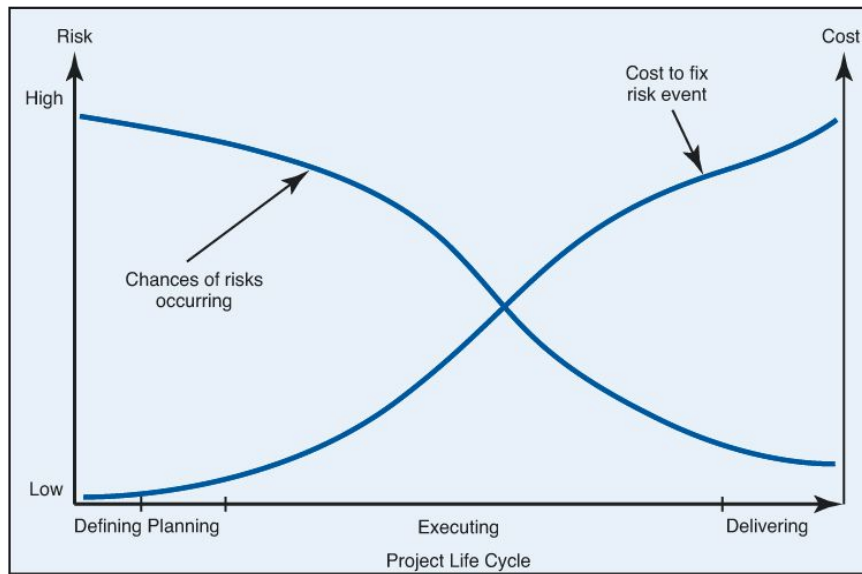


fig-11

### VI. Project Closure

It is the last phase of project. After implementation of the project the results are acquired, but some task remains still working. These small task continue to the last phase and continues until they are fully closed.

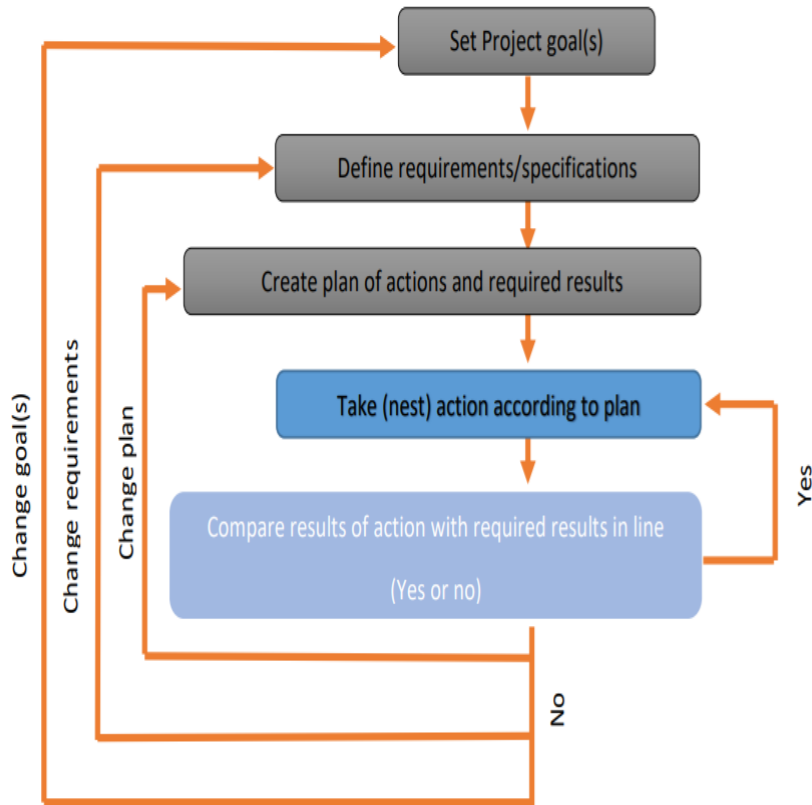


fig-12

**Our main activities to close the project:**

- near all open tasks..
- Settle the claims.
- Prepare and present project results.
- stakeholders' approval of the consequences.
- Provide the results to the Department.
- Close monitoring tools for the project.
- Complete documentation.
- accumulate feedback.
- Lessons learned discussion.
- After training session handover the control to the department.
- Close all accounts related to the project.

## VIII. Task Sheet-

### Project Plan

#### Project Management Approach

##### Project Roles and Responsibilities

Role	Responsibilities	Participant
Project Guides	<ul style="list-style-type: none"> <li>• Ultimate decision-maker and tie-breaker.</li> <li>• Provide project oversight and guidance.</li> <li>• Review/approve project elements.</li> <li>• Getting the Team Off on the Right Foot.</li> </ul>	<b>Internal Guide</b>
Project Members	<ul style="list-style-type: none"> <li>• Draft initial charter and project plan.</li> <li>• Update plan regularly.</li> <li>• Identify and resolve issues.</li> <li>• Identify and mitigate risks.</li> </ul>	Yagyadeep Pandey Parth Chaturvedi
Steering Committee	<ul style="list-style-type: none"> <li>• Approve scope changes</li> <li>• Provide direction to the Project</li> <li>• Help resolve issues and policy decisions</li> <li>• Update plan regularly.</li> </ul>	V Arul Sir Prashant John Sir M.Thirunavukkaran sir
External Guide coordinator	<ul style="list-style-type: none"> <li>• The first point of contact for the team members with external guide</li> </ul>	Shradha Sagar ma'am

##### Project Roles and Responsibilities

## LIMITATIONS AND FUTURE SCOPE OF THE PROJECT

### Limitations:

The drawbacks in the portfolio website may be counted on fingers; within general handiest benefits, these systems have some countable downsides. Regularly, programs face minor technical glitches and these structures are not any exception but, ratification is instant. Simplest, individuals who are aware of the everyday use of smartphones or computers can perform this software program. Huge modules and features make it hard for a person to make use of the application. With a big float in visitors, the application is susceptible to performance troubles.

The essential trouble in keeping and coping with the paintings through the administrator is therefore conquered. Before this, it turned into a piece difficult for retaining the timetable and additionally keeping song of the day by day agenda. However through developing this net-based totally software the administrator can enjoy the undertaking, doing it ease and also by saving the treasured time. The quantity of time intake is decreased and additionally, the guide calculations are ignored, the reviews may be received regularly and additionally every time on-demand via the consumer. The effective utilization of the work, through proper sharing it and by supplying the correct outcomes. The garage facility will ease the task of the operator. For that reason, the device advanced could be helpful to the administrator via easing his/her task.

This gadget offers automated admissions no manual processing is required. That is paperless work. It can be monitored and controlled remotely. It reduces the man strength required. It presents accurate statistics always. All years together accrued statistics can be stored and may be accessed at any time. The information which is stored inside the repository helps in making clever selections utilizing the management supplying the correct outcomes. The storage facility will ease the process of the operator. Accordingly, the gadget developed could be beneficial to the administrator by easing his/her mission providing the correct consequences. The garage facility will ease the process of the operator.

This venture is efficiently applied with all of the functions and modules of the college management gadget as consistent with requirements.

### Conclusion And Future scope:

In near future E-Commerce will be the leader with popularity and prosperity in e-trade sector. From above discussion we can come to a view that E-Commerce has changed the business strategy and making life easier for the people of Bangladesh as well as other countries. Developing countries like Bangladesh, we faced some problem in this sector but we think we can overcome very strategically in future. In this sector Government role is also very significant for the growth and implementation. Shiferaw Government should simplify friendly policy and egovernment services. Here social support and practice is also needed for the improvement of online shopping. Limayem Family practice & choice and the significant role of the media should be leded positively. So from the above research we can easily say, maintenance of factors, handling of limitation and by the help of Govt. e-commerce can plays a significant role in 21st century.

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