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Project report

On

Tour And Travel Management System

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Computer Science And Engineering

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Under the guidance of

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## DECLARATION

We hereby declare that the work being presented in this report entitled “ Tour And Travel Management System” is an authentic record of our own work carried out under the supervision of Mrs. Vajenti Mala.

Date:

Signature of the student

Sweta Sinha

Department SCSE

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## ABSTRACT

Access to relevant and accurate information is at the heart of tourism, more so in this era of the Internet information overload has become a prevalent phenomenon and as such a serious issue for those seeking for appropriate information. Furthermore, various researches have been carried out on how to make information on tourism website more effective. Intelligent tourism management system tries to bridge the gap by noting what a tourist perceives as relevant, in terms of content pertaining to tourism products in tourism websites. This study focuses mainly on content because it is seen as the key factor associated with an effective website. Hence, the aim of this research entails the design and implementation of an intelligent platform that will assist tourists in gaining access to information on tourist locations in Nigeria. In view of the forgoing, the system was implemented using Rational Unified Process as the adopted software development process, whereas MySQL, HTML and PHP were the implementation tools used in the development of the system. Upon completion, the system was able to provide information by fetching information from the

web pertaining to the subject of interest to assist tourists in decision making process.

### LIST OF FIGURE

Figure1: Data Flow Diagram.

Figure2: Use Case Diagram.

Figure3: E-R Diagram.

Figure4: Screenshot of Home Page.

Figure5: Screenshot of Intro Page.

Figure6: Screenshot of About us.

Figure7: Screenshot of special packages

Figure8: Screenshot of Jaipur, Agra.

Figure9: Screenshot of Delhi packages.

Figure10: Screenshot of Contact Us.

## INTRODUCTION

Over the years, tourism has continued to gain massive interest at a global scale. It is a major foreign exchange earner for a good number of advanced and emerging economies. It is also true that information explosion makes it cumbersome times to access relevant information to enhance decision making. This has given rise to the emergence of intelligent systems or mechanisms that facilitate quick access to relevant content found in the Internet. For developing countries, tourism is one of the untapped but potentially big income generator. There are about 142 tourist destinations that spread across the world. Whereas some exist naturally, others are manmade .In this era that has witnessed rapid advances in information technology, information overload has become a serious problem to those seeking for information online. Recently, intelligent search mechanisms have been deployed on the web that

shows that the problem of information overload can be partially eliminated by providing a platform with more intelligence to assist tourists in the search for relevant information. Google.com is an example of an intelligent search engine that helps users with information and another class of intelligent system that has proven relevant in addressing the problem of information overload are recommender systems .In the aspect of tourism, Internet and web technologies have made more readily available information on tourist locations, accommodations, transportation, shopping, food, festivals, and other attractions, thus improving tourism experience .The goal of this research is to design and implement intelligent platform that will aid tourists to have access to information on tourist locations thus help fasten their decision making process.

## **EXISTING SYSTEM**

In the existing system, all the records are not kept perfectly because all the work is done manually, so keeping up to date details of the vehicles, timings of bookings, seat availability for reservation, vehicles or rooms/hotels availability is not done. Amount of the overall trips are kept in documents and the calculations done are manually which made lead to huge mistakes.

Thus, the existing system is very time consuming and being manual work sometimes lead to a great loss as well.

## **PROPOSED SYSTEM**

The propose system is highly automated and makes the travelling activities much easier and flexible. The user can get the very right information at the very right time. Customers can get the knowledge of the hotels and



vehicles they are going to use in their trip prior to their starting of trip. This will increase the trust of the customer into the travel company as well.

Once the bookings are confirmed all the travel details, customer details as well as all the relevant details related to the trip like hotel name, room number, vehicle number, vehicle owner's details, date of arriving, date of departure, food to be served and every single detail will be available to the client. They just need once to click using mouse and everything is made available to them.

## **MODULES**

Modules to be used are:

### **1.CUSTOMER SYSTEM:**

This keeps the track of all the new customers and old customers as per their regular needs

and generates timely report of it whose one copy is being send to the customer and another copy is being kept into the company's database for future reference.

## **2. TRAVEL AGENT SYSTEM:**

In this module, all the travel agents information associated with the company is kept and all their activities will be tracked.

## **3. PACKAGE INFORMATION SYSTEM:**

In this module, all the information like hotel's availability, rooms availability, buses and trains reservation, places to be viewed with tour agent, food to be served, various important timing and all is kept.

## **SOFTWARE AND HARDWARE REQUIREMENT**

1. Operating System (32 or 64bit Windows 7/vista/XP and latter , Linux, mac OS, android OS)
2. Processor (1 dual core or single core processor)
3. Internet browser (Mozilla Firefox (most suitable), opera mini, Google chrome, or internet explorer)

The hardware requirements are:

1. CPU (Pentium III, 950MHz, CPU)
2. Memory (256MB RAM)
3. Video graphics adaptor (16bit VGA)
4. Network card (1GB Ethernet)
5. Hard disk (5GB)

## **LANGUAGE USED:**

### **FRONT END:**

- 1. CSS**
- 2. HTML**
- 3. JAVASCRIPT**

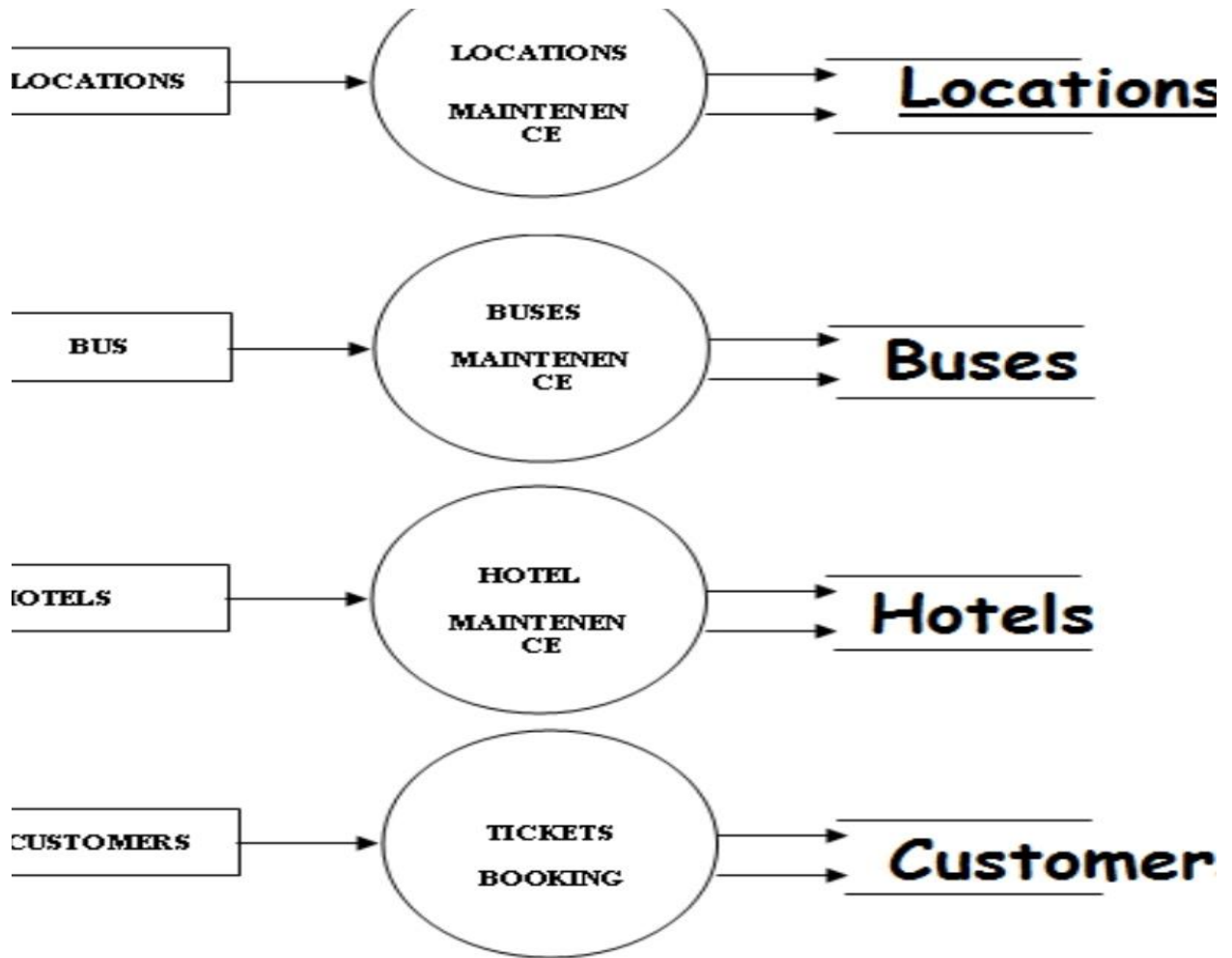
### **BACK END:**

- 1. PHP**
- 2. MY SQL**

## **DATA FLOW DIAGRAM**

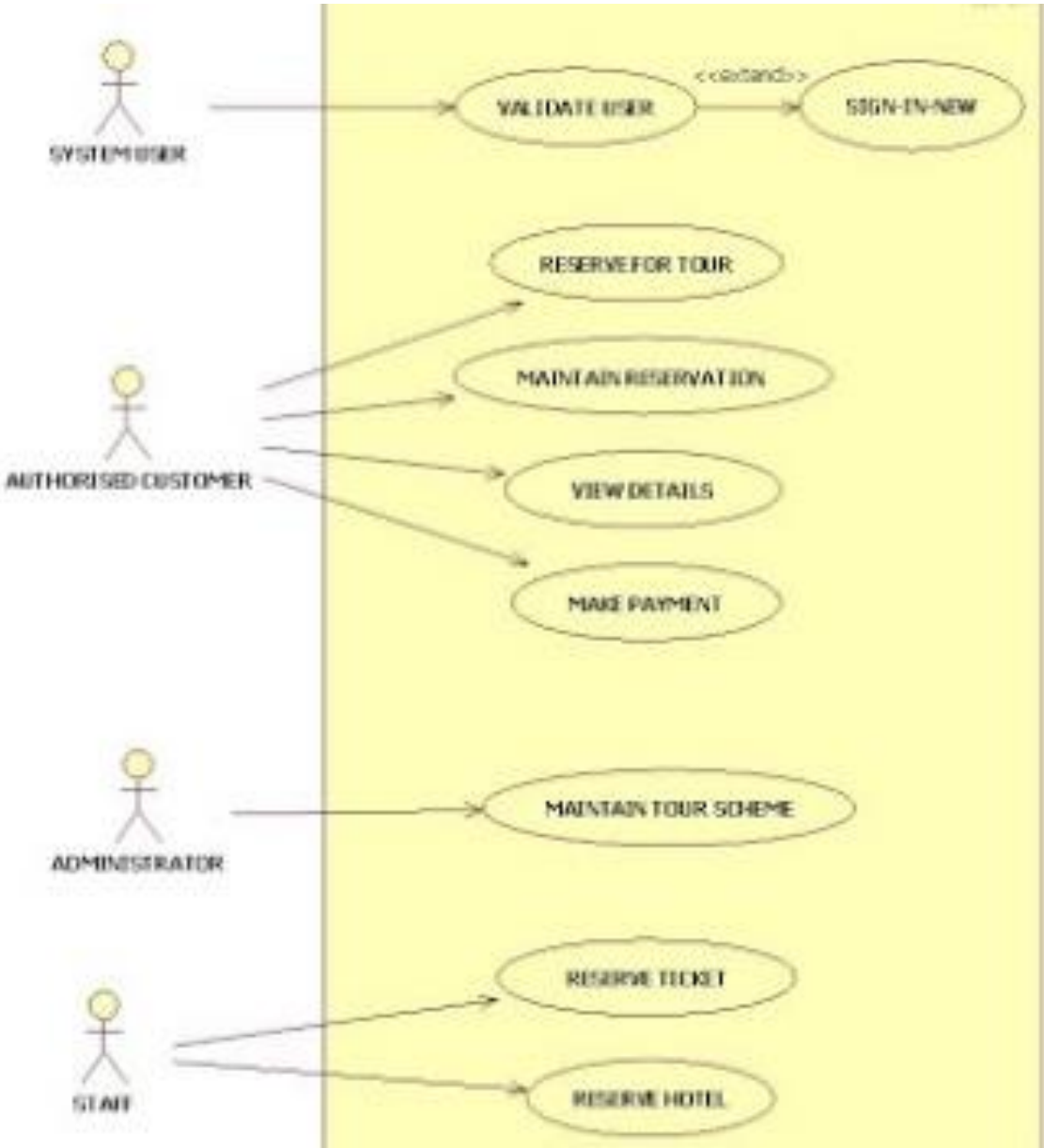
Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage

and reports generation.



# USE CASE DIAGRAM

The **use case diagram** are usually referred to as behavior **diagram used** to describe the actions of all user in a system. All user describe in **use case** are actors and the functionality as action of system.

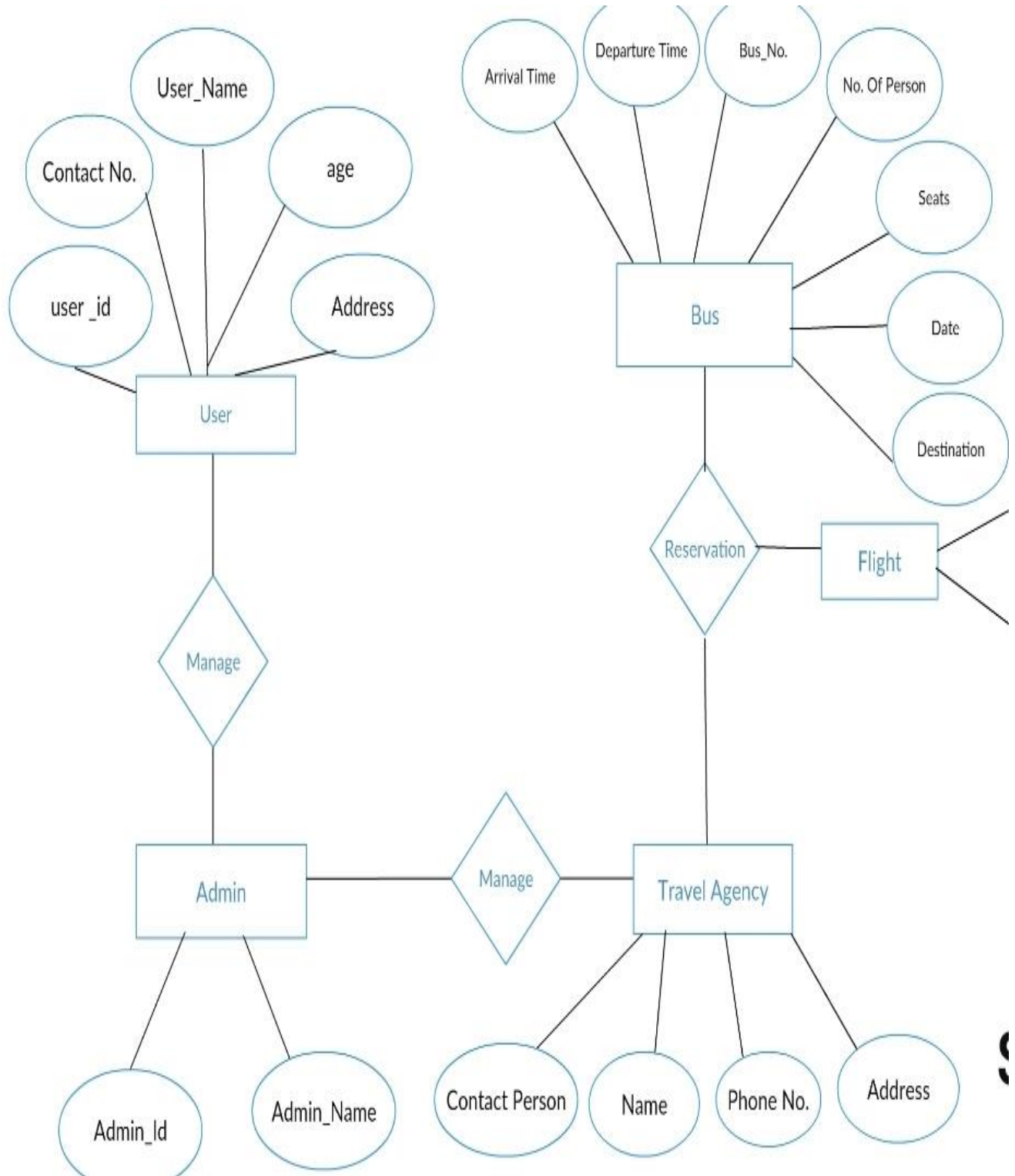


# ER DIAGRAM

An ER diagram shows the relationship among entity sets. An entity set is a group of similar entities and these entities can have attributes. In terms of DBMS, an entity is a table or attribute of a table in database, so by showing relationship among tables and their attributes, ER diagram shows the complete logical structure of a database.

An ER model is a design or blueprint of a database that can later be implemented as a database. The main components of E-R model are: entity set and relationship set.





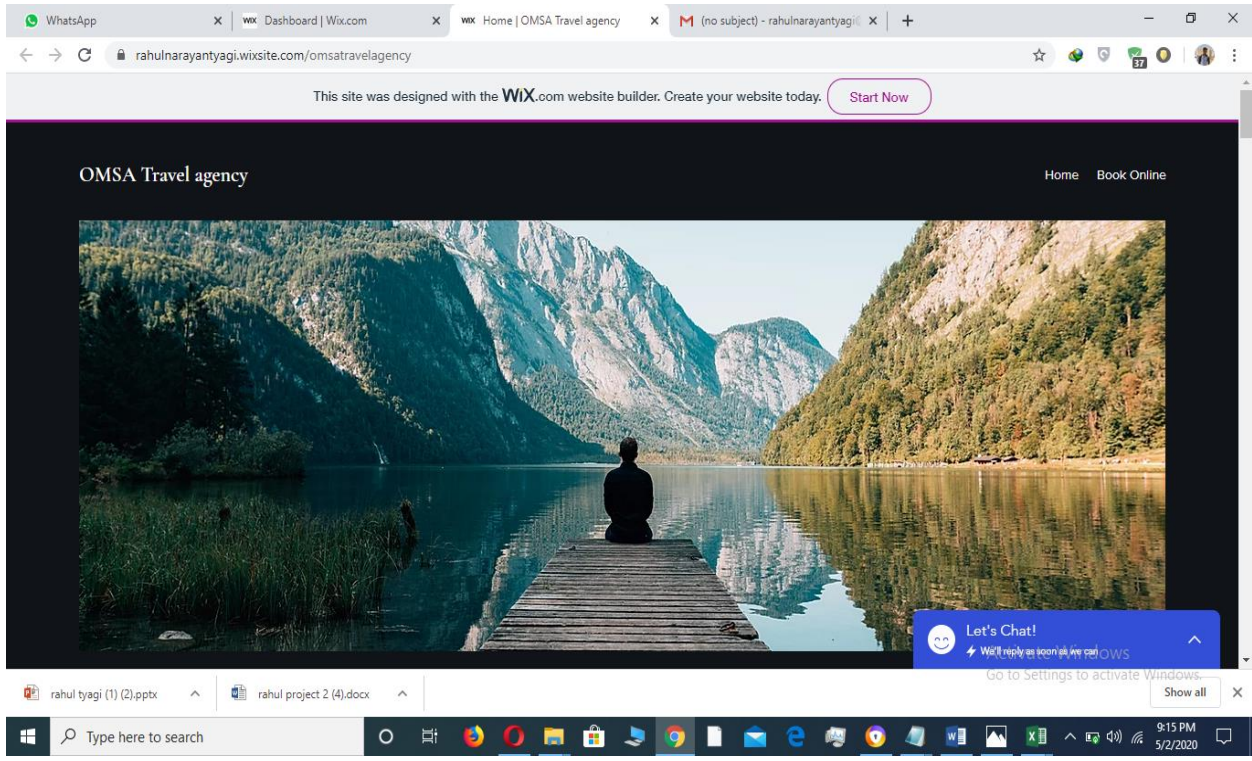
OUTPUT /RESULT/SCREENSHOT

# 1. Home page

```
(1) WhatsApp | wx Dashboard | Wix.com | wx Home | OMSA Travel agency | view-source:https://rahulnarayantyagi.wixsite.com/omsatravelagency | Indian Railway Catering | Starred - rahulnarayant... | + | - | x
```

```
view-source:https://rahulnarayantyagi.wixsite.com/omsatravelagency
```

```
9219 #comp-k9pswd6sinlineContent-gridContainer {
9220   position: static;
9221   display: grid;
9222   height: auto;
9223   width: 100%;
9224   min-height: auto;
9225   grid-template-rows: 1fr;
9226   grid-template-columns: 100%;
9227 }
9228
9229 #comp-k9pswd6s1 {
9230   position: relative;
9231   margin: 0px 0px 0px calc((100% - 209px) * 0);
9232   left: 20px;
9233   grid-area: 1 / 1 / 2 / 2;
9234   justify-self: start;
9235   align-self: start;
9236 }
9237
9238 #comp-k9pswd6scenteredContent {
9239   position: relative;
9240 }
9241
9242 #comp-k9pswd6sinlineContent-gridContainer > * {
9243   pointer-events: auto;
9244 }
9245
9246 #comp-k9pswd6sinlineContent-gridContainer > [id$="-rotated-wrapper"] {
9247   pointer-events: none;
9248 }
9249
9250 #comp-k9pswd6sinlineContent-gridContainer > [id$="-rotated-wrapper"] > * {
9251   pointer-events: auto;
9252 }
9253
9254 </style><div id="comp-k9pswd6sinlineContent-gridWrapper" data-mesh-internal="true"><div id="comp-k9pswd6sinlineContent-gridContainer" data-mesh-internal="true"><div data-
9255 packed="true" style="top:bottom;left:right;width:189px;height:auto;position:pointer-events:none" class="txtNew" id="comp-k9pswd6s1"><p class="font 0" style="line-
9256 height:1.4em;"><span class="color 11"><span style="text-decoration:none;"><a href="https://rahulnarayantyagi.wixsite.com/omsatravelagency" target="_self">OMSA Travel agency</a>
9257 </span></p></div></div></div></div></div><div style="position:relative;width:100%;left:0;flex:771;margin-left:0px;min-width:771px;top:0;margin-top:0;margin-
9258 bottom:0;height;idisplay:flex;bottom:right;" data-content-width="771" data-is-mesh="true" class="mcl" id="comp-k9pswd6s2"><div class="mclcontainer"
9259 style="position:relative;height:100%;width:100%" id="comp-k9pswd6s2container"><div style="position:absolute;top:0;width:100%;height:100%;overflow:hidden;pointer-
9260 events:auto;left:0;right:0;bottom:0" data-page-id="masterPage" data-enable-video="true" data-bg-effect-name="" data-media-type="" data-use-clip-path="" data-needs-clipping="" data-
9261 wix-video-layout="true" class="mclbalata" id="comp-k9pswd6s2balata"><div style="position:absolute;width:100%;height:100%;top:0" class="bgColor" id="comp-k9pswd6s2balatabgcolor"><div
9262 style="width:100%;height:100%;position:absolute;top:0;background-image:;opacity:1" id="comp-k9pswd6s2balatabgcoloroverlay" class="bgColoroverlay"></div></div></div><div
9263 class="mclinlineContentParent" style="position:relative;left:0;right:0;top:0;bottom:0" id="comp-k9pswd6s2inlineContentParent"><div style="width:100%;position:relative;top:0;bottom:0"
```















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## jaipur

\$2500

Contact us to learn about our exclusive Culinary Tour. There's only a limited number of spaces remaining, so contact us today to make sure you don't miss out. Get ready to create some unforgettable memories and remember to send us a postcard!

[Read More](#)



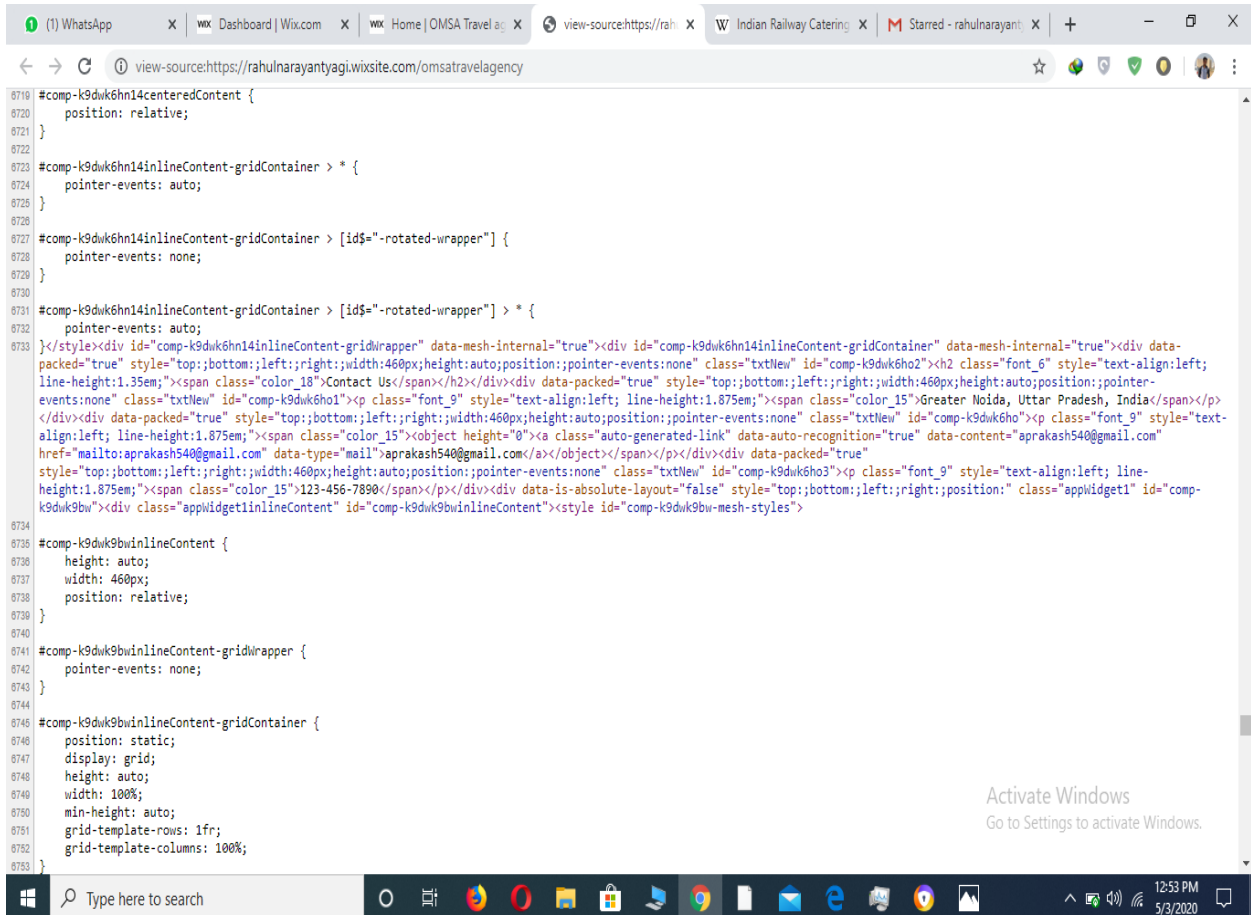
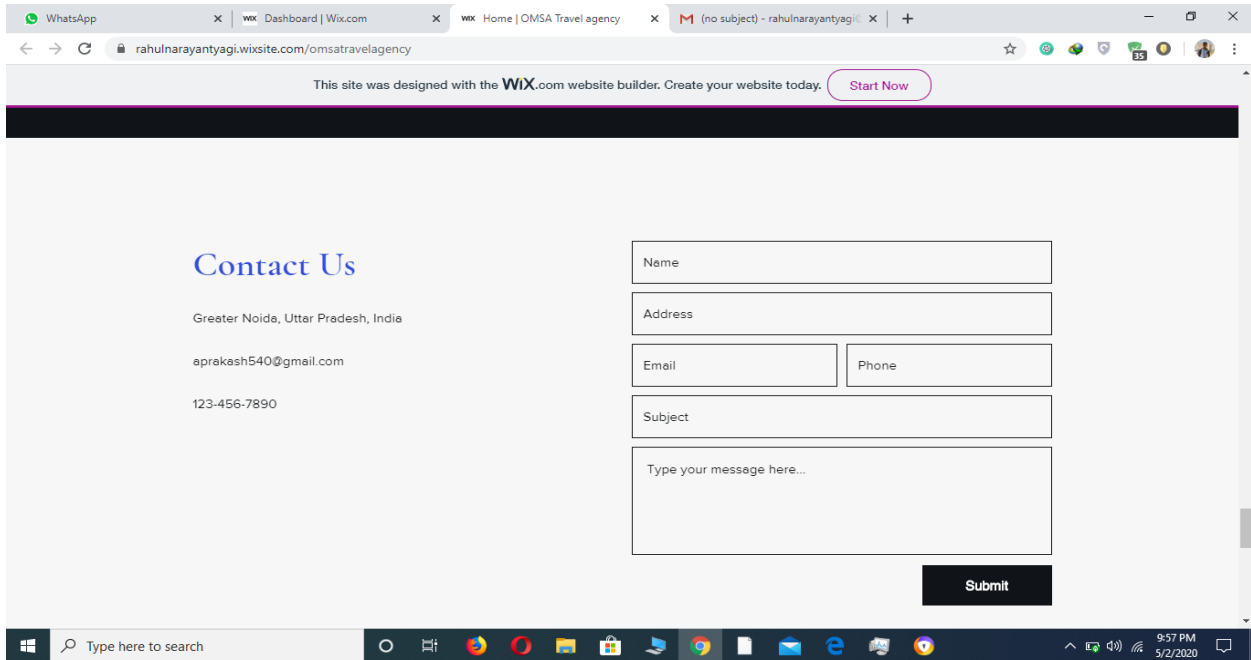
```
5961 pointer-events: auto;
5962 }
5963
5964 #comp-k9pt0mt610inlineContent-gridContainer > [id$="-rotated-wrapper"] {
5965   pointer-events: none;
5966 }
5967
5968 #comp-k9pt0mt610inlineContent-gridContainer > [id$="-rotated-wrapper"] > * {
5969   pointer-events: auto;
5970 }
5971
5972 </style><div id="comp-k9pt0mt610inlineContent-gridWrapper" data-mesh-internal="true"><div id="comp-k9pt0mt610inlineContent-gridContainer" data-mesh-internal="true"><div data-
5973   packed="true" style="top:bottom;left:right;width:460px;height:auto;position:pointer-events:none" class="txtNew" id="comp-k9pt0mt7"><h3 class="font_0" style="text-align:left;
5974   line-height:1.41em;"><span class="color_18">agra {taj mahal}</span></h3></div><div data-packed="true" style="top:bottom;left:right;width:460px;height:auto;position:pointer-
5975   events:none" class="txtNew" id="comp-k9pt0mt71"><p class="font_8" style="text-align:left; line-height:1.75em;"><span class="color_15"><span style="font-weight:bold;">$550</span>
5976   </span></p></div><div data-packed="true" style="top:bottom;left:right;width:460px;height:auto;position:pointer-events:none" class="txtNew" id="comp-k9pt0mt72"><p class="font_9"
5977   style="text-align:left; line-height:1.875em;"><span class="color_15">This is a special package offered exclusively by our Travel Agency. Treat yourself to a one-of-a-kind adventure
5978   you'll never forget. Places are limited, so contact us today to make sure you don't miss out on the trip of a lifetime.</span></p></div><div id="comp-k9pt0mt73" data-align="center"
5979   data-disabled="false" data-margin="20" data-should-use-flex="true" data-width="112" data-height="45" role="button" tabindex="0"
5980   style="top:bottom;left:right;width:112px;height:45px;position:" class="style-k9pt0mt71" data-state="desktop shouldUseFlex center"><div id="comp-k9pt0mt73link" class="g-
5981   transparent-a style-k9pt0mt71link"><span id="comp-k9pt0mt73label" class="style-k9pt0mt71label">Read More</span></div></div></div></div></div></div><div data-bg-effect-
5982   name="" data-media-type="Image" data-use-clip-path="" data-needs-clipping="" data-wix-video-layout="true" class="mclbalata" id="comp-k9pt0mt74balata"><div
5983   style="position:absolute;top:0;width:100%;height:100%;overflow:hidden;pointer-events:auto;left:0;right:0;bottom:0" data-page-id="f3lbp" data-enable-video="true" data-bg-effect-
5984   style="position:absolute;top:0;width:100%;height:100%;top:0" class="bgColor" id="comp-k9pt0mt74balatabgcolor"><div style="width:100%;height:100%;position:absolute;top:0;background-
5985   image:opacity:1" id="comp-k9pt0mt74balatabgcoloroverlay" class="bgColoroverlay"></div></div><div style="position:absolute;pointer-events:auto;width:100%;height:100%;top:0;left:0"
5986   data-has-bg-effect="" data-fitting="fill" data-container-id="comp-k9pt0mt74" data-page-id="f3lbp" data-media-comp-type="image" class="bgMedia" id="comp-k9pt0mt74balatamedia"><wix-
5987   image style="width:100%;height:100%;position:absolute;opacity:1;top:0;left:0" data-has-bg-scroll-effect="" data-image-info="(&quot;imageData&quot;);
5988   {&quot;type&quot;:&quot;Image&quot;,&quot;id&quot;:&quot;,&quot;dataItem-k9pt0mt72&quot;,&quot;metaData&quot;:
5989   {&quot;pageId&quot;:&quot;,&quot;f3lbp&quot;,&quot;isPreset&quot;:false,&quot;schemaVersion&quot;:&quot;1.0&quot;,&quot;isHidden&quot;:false},&quot;title&quot;:&quot;Taj
5990   Mahal&quot;,&quot;url&quot;:&quot;,&quot;d967ba93f0314c78924edc8a8c8fa15.jpg&quot;,&quot;width&quot;:&quot;:1920,&quot;height&quot;:&quot;:1275,&quot;alt&quot;:&quot;Taj
5991   Mahal&quot;,&quot;opacity&quot;:&quot;:1,&quot;focalPoint&quot;:&quot;,&quot;x&quot;:&quot;:50,&quot;y&quot;:&quot;:50,&quot;displayMode&quot;:&quot;fill&quot;,&quot;fill&quot;:&quot;,&quot;containerId&quot;:&quot;,&quot;comp-
5992   k9pt0mt74&quot;,&quot;displayMode&quot;:&quot;fill&quot;,&quot;fill&quot;:&quot;}" data-has-ssr-src="true" data-is-svg="false" data-is-mask="false" data-type="image" id="comp-k9pt0mt74balatamediaimage"
5993   class="bgImage"></wix-
5996   image></div></div><div class="mclinlineContentParent" style="position:relative;left:0;right:0;top:0;bottom:0" id="comp-k9pt0mt74inlineContentParent"><div
5997   style="width:100%;position:relative;top:0;bottom:0" class="mclinlineContent" id="comp-k9pt0mt74inlineContent"><style id="comp-k9pt0mt74-mesh-styles">
5998
5999 #comp-k9pt0mt74inlineContent {
6000   height: auto;
6001   width: 100%;
6002   position: relative;
6003 }
```

Activate Windows  
Go to Settings to activate Windows.





# 6. CONTACT US



## CONCLUSION

In conclusion, this software will solve many problems in Nigeria relating to management of product and information pertaining to tourism. Tourists will get acquainted with all the tourist sites in USA and information pertaining to those sites without physically extracting information from people or having to travel long distances to see what the location has to offer. With the availability of the Internet, users have access to TATMS application; hence they are empowered with current and relevant information pertaining to tourism in USA. The application will go a long way in assisting tourists in decision making, and also as a source of revenue to the country. TATMS will make tourism round the country fun and easy because of easy access to relevant information.

## FUTURE ENHANCEMENT

It is worth mentioning that this research work is open for further enhancement, with the expectation that it becomes more robust and better enhanced; covering every single tourist site in INDIA. In addition, certain constraints, such as inadequate information sources for each of the tourist locations in INDIA,

Some features were not included which would have made TATMS a more robust management system.

1. In this study, only 50 tourist locations in INDIA were used. Therefore, an improved system should incorporate every tourist site in INDIA for better insight on available tourist attractions.
2. Provision of advertisement platform so that tourists will be able to get latest

information on all the tourist locations in INDIA.

3. A fully functional reservation platform so that booking could be made via credit cards.
4. Provision of content scheduler to eliminate outdated information.

## REFERENCE

1. [www.w3schools.com](http://www.w3schools.com)
2. [www.google.com](http://www.google.com)
3. [www.creatly.com](http://www.creatly.com)
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5. PHP, MYSQL, JAVASCRIPT 3<sup>rd</sup> EDITION.