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JAVA WEB APPLICATION FOR THE HEALTHCARE LOGISTIC COMPANY

A Report for the Evaluation 3 of Project 2

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**SCHOOL OF COMPUTING AND SCIENCE AND
ENGINEERING**

BONAFIDE CERTIFICATE

Certified that this project report “**JAVA WEB APPLICATION FOR THE
HEALTHCARE LOGISTICS COMPANY**” is the bonafide work of
“**AZIZUL ABEDIN(1613101219)**” who carried out the project work under my
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Abstract:

The main objective of this project is to create a web application using java, For a healthcare logistics company to maintain a healthcare record for effective collaboration between doctors, insurance companies and patients. These records are being stored on shared hosting so it can be accessed from anywhere and it unlikely that you would lose your records. health care is not far behind as it is also adopting the latest trend of converting everything into web applications at a fast pace. Individuals are widely using apps to meet their healthcare requirements and fulfilling their demands . healthcare web applications are essential for both the parties – doctors and patients. There are so many medical requirements that can be satisfied with the help of these web applications.

Introduction:

A logistics and technicians tracking web application that allows a customer to search for all the booking date time and location, Technicians assigned for a booking, also allows customers to check the logistics used for bookings and unique data for the logistics required. Other features such as billing, customer database technicians details. Healthcare organizations are undergoing major reorganizations and adjustments to meet the increasing demands of improved healthcare access and quality, as well as lowered costs. As the use of information technology to process medical data increases, much of the critical information necessary to meet these challenges is being stored in digital format. Web-enabled information technologies can provide the means for greater access and more effective integration of healthcare information from disparate computer applications and other information resources. In this chapter, various examples of web applications in healthcare area have been described and the core benefits of the web applications have been presented.

Application:

- Maintain a record of its test's and technicians.
- Customer can search for all the booking date time and location.
- Customer can book the appointment

Merits:

Some of the merits of web application for the healthcare system-

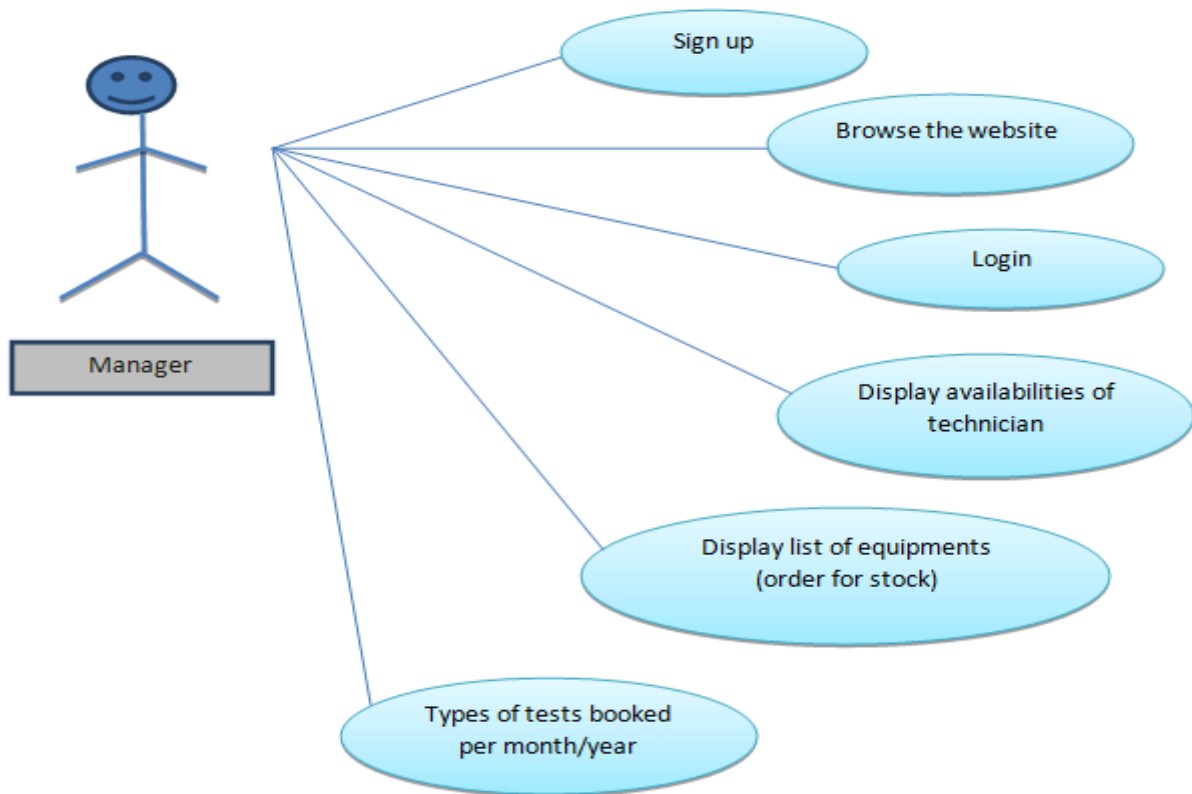
- Enabling immediate access to care.
- It allows to smooth customer service online.
- Facilitating instant connection between doctor and patient.
- Cost effective
- Online pharmacies

Demerits:

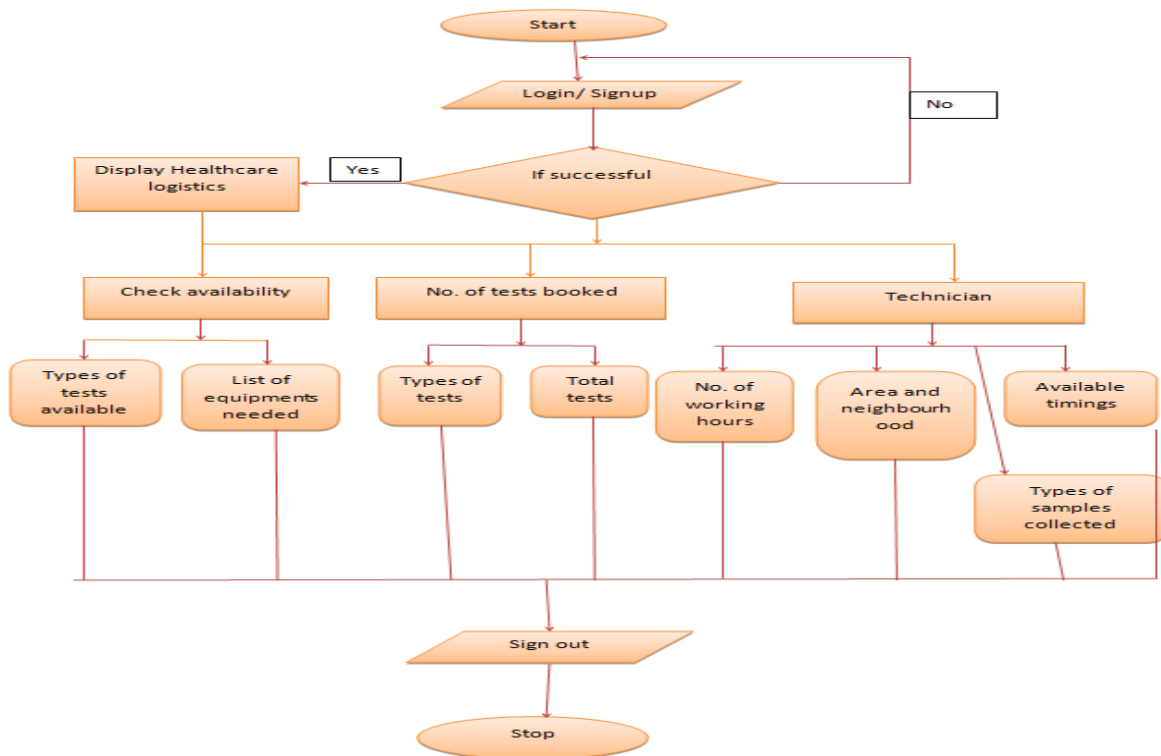
Some of the Demerits of web application for the healthcare system are-

- Need of internet continuously .
- Need of PC or Mobile phone.
- Need of web browser.

Use Case Diagram:



Flow Chart:-



Modules:-

This health care logistics java project contains 3 modules.

1. Manager module functionalities:-

- Login
- Add equipments
- Add tests
- View equipment
- View technicians
- View customer
- Logout

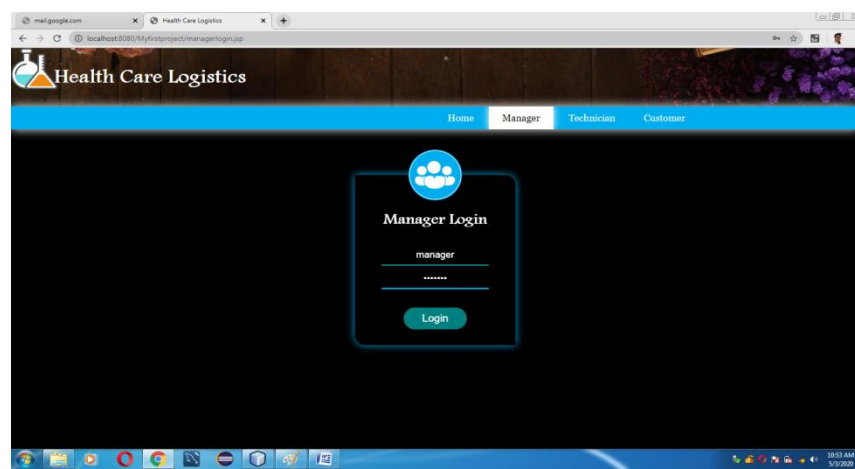
2. Technicians module functionalities:-

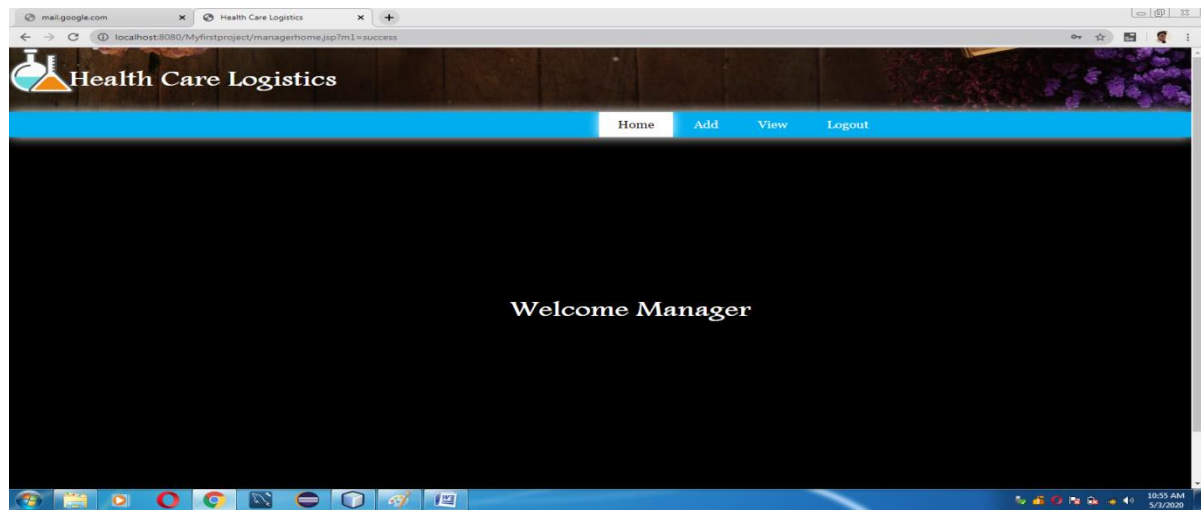
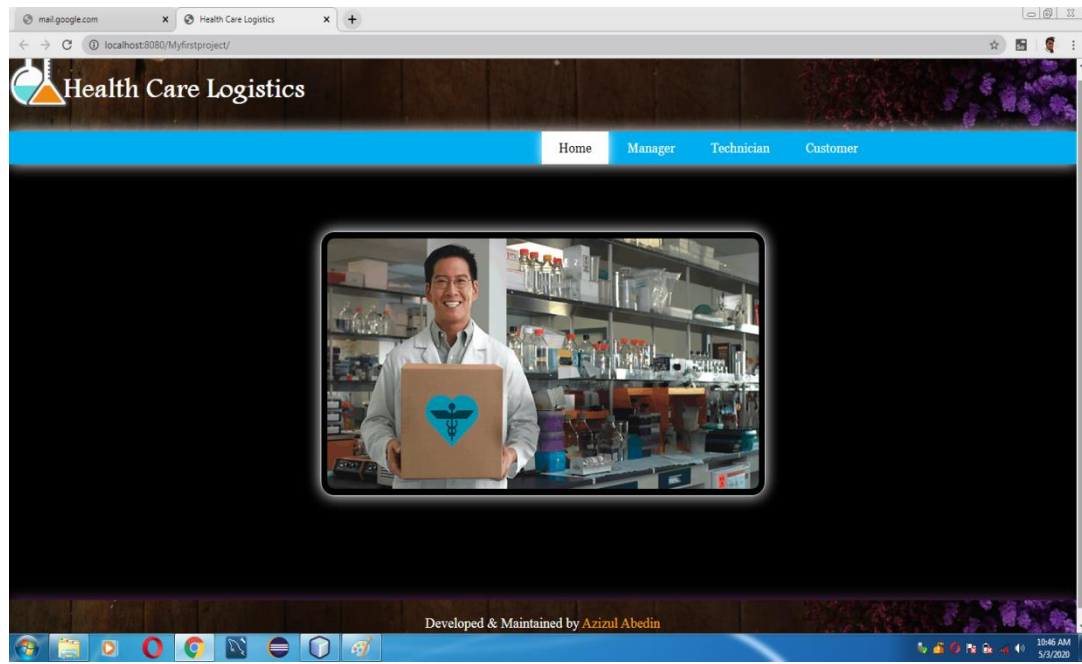
- Register
- View Customer Details
- Add customer details
- Logout

3. Customer module functionalities:-

- Register
- Login
- Book technicians
- View Bills
- Logout

Output:-





Conclusion:

- On completion of this project customer will be able to get all the information about technicians.
- They will also be able to book technicians.
- In the future we can update this application according to the needs of the customer.

References:

1. www.google.com
2. www.wikipedia.com
3. <https://www.youtube.com/>