LAB REPORT

Submitted by

DEBANJAN BASAK[RA2011003010606]

Under the Guidance of

Dr. Sandhia G K

Assistant Professor, Department of Computing Technologies

In partial satisfaction of the requirements for the degree of

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE ENGINEERING

SCHOOL OF COMPUTING

COLLEGE OF ENGINEERING AND TECHNOLOGY

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KATTANKULATHUR - 603203

JUNE 2022

SRM INSTITUTION OF SCIENCE AND TECHNOLOGY
KATTANKULATHUR-603203

BONAFIDE CERTIFICATE

Certified that this lab report titled **Maid for u** is the bonafide work done by **Debanjan Basak (RA2011003010606)** who carried out the lab exercises under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other work.

SIGNATURE

Dr. Sandhia GK

SEPM – Course Faculty

Assistant Professor

Department of Computing Technologies

ABSTRACT

In the last decade, the need for a maid has increased considerably. People hire a maid for various domestic works like housekeeping, cooking, taking care of old age people, maintaining children with disabilities and other tasks. But getting a trustworthy, professional maid at affordable prices is very difficult. So 'Maid for you' is a website which is developed with the intention of providing a trustworthy, professional maid at affordable prices with just one click.

The website has a list of maids who work in different areas. Clients can choose the desired area of work and book the maid. The website offers a privilege to clients as they can choose the number of days of service, which can be 2 weeks or 1month or 6months or any number of days as per the need.

The website is user friendly, so hiring a maid is made easy and convenient with **'Made for you'.**

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF ABBREVIATIONS

API	APPLICATION PROGRAMMING INTERFACE
HTML	HYPER TEXT MARKUP LANGUAGE
CSS	CASCADING STYLES SHEET
JS	JAVASCRIPT
RAM	RANDOM ACCESS MEMORY
UI	USER INTERFACE
UX	USER EXPERIENCE
IDE	INTEGRATED DEVELOPMENT ENVIRONMENT
WBS	WORK BREAKDOWN STRUCTURE
SWOT	STRENGTH, WEAKNESS, OPPURTUNITIES AND THREATS
RMM	RISK MONITERING AND MANAGEMENT
UML	UNIFIED MODELING LANGUAGE
OOP	OBJECT ORIENTED PROGRAMMING
ER	ENTITY RELATION
DFD	DATA FLOW DIAGRAM
HTTP	HYPER TEXT TRANSFER PROTOCOL
SVM	SUPPORT VECTOR MACHINE
CRUD	CREATE, READ, UPDATE, DELETE
MLM	MULTI LEVEL MODEL
DB	DATABASE
CLI	COMMAND LINE INTERFACE
SQL	STRUCTURED QUERY LANGUAGE
ANN	ARTIFICAL NETWORK MODEL
HPM	HEDONIC PRICE MODEL
HPI	HOUSE PRICE INDEX
MLR	MULTIPLE LINEAR REGRESSION
OLS	ORDINARY LEAST SQUARES

Aim

To Frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the <title of the project>

Project Title: Maid for you

Project Description:

Its an android application, which enables people to hire a maid for Domestic services

including, cooking, housekeeping, taking care of children & old age people.

BUSINESS CASE

DATE	09.03.2022
SUBMITTED BY	M SAI SHABARISH
TITLE / ROLE	Maid for you

THE PROJECT

In bullet points, describe the problem this project aims to solve or the opportunity it aims to develop.

It's an android application which helps people to find a maid for domestic services such as housekeeping, cooking, taking care of children, old age people, physically or mentally disabled people.

THE HISTORY
In bullet points, describe the current situation.

People find it difficult finding professional maids.
They find it difficult to arrange a maid for shorter duration of time for temporary purposes.

LIMITATIONS
List what could prevent the success of the project, such as the need for expensive equipment, bad weather, lack of training, etc.

Our application offers various options for clients depending on their needs.
we offer our service for 1week,1month,3months 6months or 12months.

-As our application offers flexible services according to needs of client which results in Expensive fares.
-This service is not available in every region; it would be operational only in areas where there is high demand for m

APPROACH
List what is needed to complete the project.

We will develop a simple and user-friendly android Application through which clients can hire maids for desired duration of time.

BENEFITS
In bullet points, list the benefits that this project will bring to the organization.

Time saving.
Smart way to hire a maid.
Professional Service.

Aim

      To identify the appropriate Process Model for the project and prepare Stakeholder and User Description.

Project Title: Maid for you

1. **Executive Summary**

1.1 Project Methodology:

Agile Methodology is a people-focused, results-focused approach to software development that respects our rapidly changing world.
It's centred around adaptive planning, self-organization, and short delivery times.
It's flexible, fast, and aims for continuous improvements in quality, to put in simple terms, Agile helps teams in delivering value to customers quickly and effortlessly.
Thus, developing such software management project, Agile methodology brings out the most effective growth out of it.

1.2 Stakeholder Identification:

Internal stakeholders:

The internal stakeholders include the team members, managers, executives who are all internally related.

Project Role	Responsibilities	Team members assigned to
Project Manager	Lead the team in every aspect. Accountable for entire project scope, team, success and failure	SAI SHABARISH
Technical Lead	Technical Leads are employed to manage the delivery of technical projects, usually in the context of computer software	SAI SHABARISH
Business Analyst	Business analysts identify business areas that can be improved to increase efficiency and strengthen business processes.	DEBANJAN BASAK
Developer	Developer is the one who manages the operations of a project by conducting research and creating plans that best suit the needs of the project.	DEBANJAN BASAK
Tester	Testers execute and log the tests, evaluate the results and document problems found.	BARUN NAYAK

External stakeholders:

Project Role	Responsibilities	Team members assigned to
Customer	Be an ethical customer	Barun Nayak
Media	Broadcast content and delivery including print and interest	Debanjan Basak
Government	Collects taxes from these establishments in the form of corporate tax	-
Community	Look upon the business as a source of local employment and services	Sai Shabarish
Shareholder	To ensure that the company is well run and well managed	Sai Shabarish Debanjan Basak

2. **Stakeholder Management**

2.1 **Interest and Influence matrix**

Interest	Influence
High	High
Low	Low
Low	High
High	Low

2.2 STAKEHOLDER INTEREST, INFLUENCE, PRIORITY IDENTIFICATION

Stakeholder	Responsibility	Interest	Influence	Estimated Priority
Owner	SAI SHABARISH	Achieve targets, Increase sales margin	HIGH	1
Sponsor	-	Provides new market to expand ventures, Negotiate funding for project, Reviews changes to project environments	MED	3
Team members	DEBANJAN BASAK BARUN NAYAK	Demand incentives, Retain and upgrade skills, New product excitement	HIGH	2
Project Manager	SAI SHABARISH	Lead the team in every aspect. Accountable for entire project scope, team, success and failure	HIGH	2
Investors	-	Promoter of the investment, provides necessary financial resources	LOW	5
Resource Manager	DEBANJAN BASAK	Resource planning and allocation. Ensuring adequate resource according to project needs and budget	MED	4
Suppliers	BARUN NAYAK	Ensuring feasible and realistic in every aspect. Managing divergence from budgeted cost	MED	6
End Users	Society	Provides Feedback	LOW	7

Reference

Aim

To identify the system, functional and non-functional requirements for the project.

Team Members:

S No	Register No	Name	Role
1	RA2011003010592	SAI SHABARISH	**Rep/Member**
2	RA2011003010606	DEBANJAN BASAK	**Member**
3	RA2011003010543	BARUN NAYAK	**Member**

Project Title: Maid for You

User Requirements

The user requires an android application which helps people to find a maid for domestic services such as housekeeping, cooking, taking care of children, old age people, physically or mentally disabled people.

The interface should not be intimidating, even people with very little experience of applications should be able to use it efficiently with a minimum amount of training.

System Requirements

SR1) Intel Core I3 Gen 3 / AMD ryzen 2 or above

SR2) Min RAM required 2 GB

SR3) Space required 5GB

SR4) OS: Windows 7 or higher

Functional Requirements

FR1) Provides searching facilities for domestic help.

FR2) It will contain details of the domestic helpers as well as details of customers.

FR3) It tracks all the information of bookings, bills, orders.

Non-Functional Requirements

NFR1) Secure access of confidential information.
NFR2) Data can be backed up to a local drive.
NFR3) It is written in a scalable manner.
NFR4) Updates can be made without any data loss.

Aim

To Prepare Project Plan based on scope, Calculate Project effort based on resources, Find Job roles and responsibilities

Requirements

1. Project Management Plan

Describe the key issues driving the project. **[Min 3 Focus Areas]**

Focus Area	Details
Integration Management	Governance Framework Project Team Structure Roles & Responsibilities of Team Change Management (Change Control, Issue Management) Project Closure
Scope Management	Scope Statement Requirement Management (Gathering, Control, Assumption, Constraint Stakeholder) Define Deliverable Requirement Change Control Activities and Sub-Tasks
Schedule Management	Define Milestones Schedule Control
Cost Management	Estimate Effort Assign Team Budget Control

Quality Management	Quality Assurance: Quality assurance will be managed including governance, roles and responsibilities, tools and techniques and reporting Quality Control: Specify the mechanisms to be used to measure and control the quality of the work products
Resource Management	Estimate and Manage the need People: People & Skills Required Finance: Budget Required Physical: Facilities, IT Infrastructure
Stakeholder	Identifying, Analyzing, Engaging Stakeholders
Communication Management	Determine communication requirements, roles and responsibilities, tools and techniques. [Type of Communication, Schedule, Mechanism Recipient]
Risk Management	Identifying, analysing, and prioritizing project risks
Procurement Management	Adhering to organization procurement process

2. Estimation

2.1.   Effort and Cost Estimation

Activity Description	Sub-Task	Sub-Task Description	Effort (in hours)	Cost in INR
Design the user screen	E1R1A1T1 (Effort-Requirement-Activity-Task)	Confirm the user requirements (acceptance criteria)	5	5
	E1R1A1T2			
	E1R1A1T3			
Identify Data Source for displaying units of Energy Consumption		Go through Interface contract (Application Data Exchange) documents	5	
		Document		

Effort (hr)	Cost (INR)
1	500

2.2.   Infrastructure/Resource Cost [CapEx]

Infrastructure Requirement	Qty	Cost per qty	Cost per item
Office space	1	8,00,000	8,00,000
Computers	3	1,00,000	3,00,000

2.3   Maintenance and Support Cost [OpEx]

Category	Details	Qty	Cost per qty per annum	Cost per item
People	Network, System, Middleware and DB admin Developer , Support Consultant	3	2,000,000	6,000,000
License	Operating System Database Middleware IDE	10	10000	100,000
Infrastructures	Server, Storage and Network	20	20000	400,000

3. Project Team Formation

3.1.   Identification Team members

Name	Role	Responsibilities
DEBANJAN BASAK	Key Business User (Product Owner)	Provide clear business and user requirements
SAI SHABARISH	Project Manager	Manage the project
BARUN NAYAK	Business Analyst	Discuss and Document Requirements
DEBANJAN BASAK	Technical Lead	Design the end-to-end architecture
SAI SHABARISH	UX Designer	Design the user experience
BARUN NAYAK	Frontend Developer	Develop user interface
DEBANJAN BASAK	Backend Developer	Design, Develop and Unit Test Services/API/DB
SAI SHABARISH	Cloud Architect	Design the cost effective, highly available and scalable architecture
DEBANJAN BASAK	Cloud Operations	Provision required Services
BARUN NAYAK	Tester	Define Test Cases and Perform Testing

3.2.   Responsibility Assignment Matrix

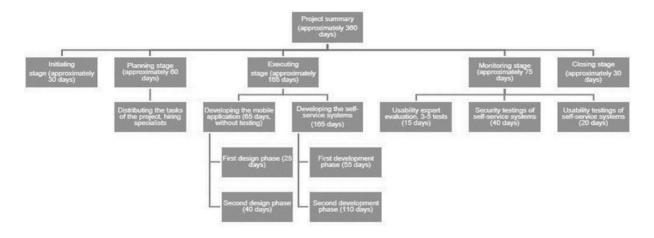| RACI Matrix	Team Members			
Activity	Name (BA)	Name (Developer)	Name (Project Manager)	Key Business User
User Requirement Documentation	BARUN NAYAK	DEBANJAN BASAK	SAI SHABARISH	Retailers

A	Accountable
R	Responsible
C	Consult
I	Inform

Reference

1. https://www.pmi.org/
2. https://www.projectmanagement.com/
3. https://www.tpsgc-pwgsc.gc.ca/biens-property/sngp-npms/ti-it/ervcpgpm-dsfvpmpt-eng.html

Aim

To Prepare Work breakdown structure, Timeline chart and Risk identification table
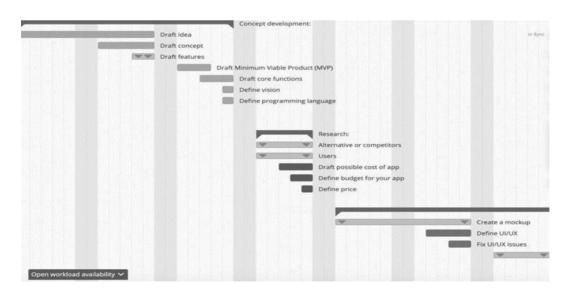
Work Breakdown System:

SWOT :

Strengths	Weaknesses	Opportunities	Threats
● Reliable Vendors ● Marketing and promotional Ads ● price-range,discounts and Memberships	● Lack of Man-power ● Competitive market	● More population high opportunities to earn ● profitable ● jobs for many jobless	● Expensive ● lack of long term contracts ● should follow newly implied government regulations

Risk Management :

Parameter	Risk	Cause	Control
Human Resource	Serious injuries, death, disability	Work accident	- First aid in accidents - Emergency room - Insurance - Rehabilitation
Asset	The stoppage of the production process	Damage to equipment	- Periodical checking to the equipment - Improvement planning to the damage equipment - New equipment
Information Technology	Stranded at the operational process	Damage to hardware and software	Routine checking
Nature Phenomena	Dysfunction, serious injuries, death, disability	Natural disasters	Insurance

Timeline :

Aim

To prepare architecture and design of the system

PROJECT TITLE: HOUSE HELP APPLICATION
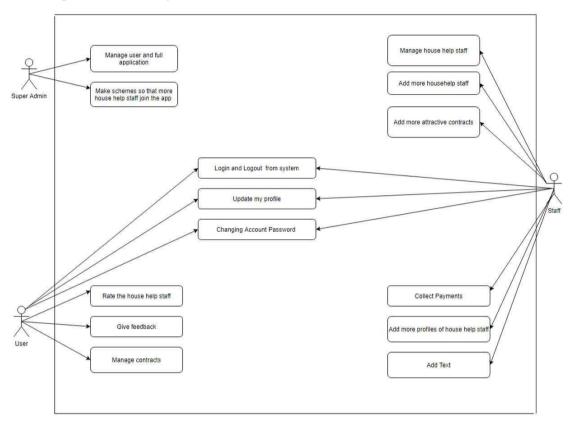**Software Used**

Star UML, Rational Rose, Etc...

Architecture Diagram with description

The architecture diagram of our project shows the layout of our project. From the diagram we can infer that the website which is made using HTML,CSS and Javascript is integrated using a servlet integrator and is connected to the server. The server has access to the database and it redirects all the incoming and outgoing links to the security module which manages all the data links as it sends the client script to the client PC and receives the client searches via cloud link. The client script ultimately shows the desired data to the client PCs.

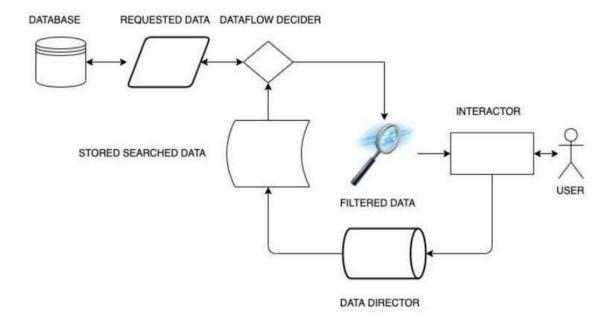## Use Case Diagram With Description

This Use Case Diagram is a graphic depiction of the interactions among the elements of the Hospital Management System. It represents the methodology used in system analysis to identify, clarify, and organize system requirements of Hospital Management.

We have 3 actors for proper flow of application,super admin, user,staff basically staff handles the customers and house help staff as well as all other works like collecting payments from customer giving salary to house help staffs etc. Super admin take major decision and can make major changes in app wether it UI,Speed etc.User(Customer) is end user of application.

ER Diagram With Description (optional)

DFD Diagram (process) With Description

DATABASE REQUESTED DATA DATAFLOW DECIDER

STORED SEARCHED DATA

FILTERED DATA

INTERACTOR

USER

DATA DIRECTOR

The above diagram represents the data flow diagram of our project. It shows all the flow of data across different modules in our project. Like from the diagram we can see that there is a database which is the main storage of all the datas of our project. It receives and send data to the requested data module which filters the data and receives and sends the data to the dataflow decider which receives data from the stored searched data of the user directed by the data director and based upon the request the decider sends data to the filtration module which further filters the data and sends it to the interactor which is the control center for the user as it directs and receives requests from the user.

Class Diagram (Applied For OOPS based Project),

Collaboration Diagram (Applied For OOPS based Project)

Aim

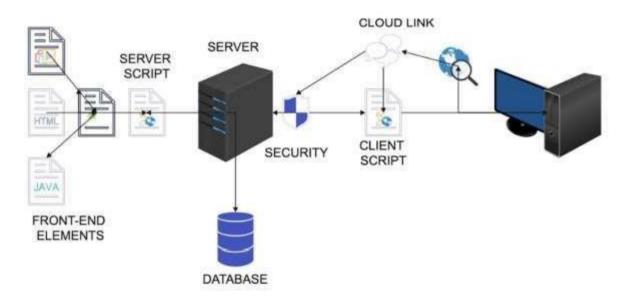To Design State, Collaboration, Deployment Diagram, Sample Frontend Design (UI/UX) for the project.

PROJECT NAME: HOUSEHELP APPLICATION

Software Used
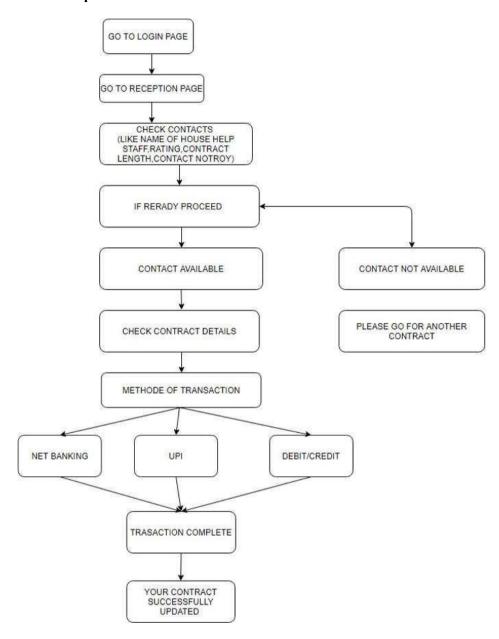**Star UML,** Rational Rose, Etc…
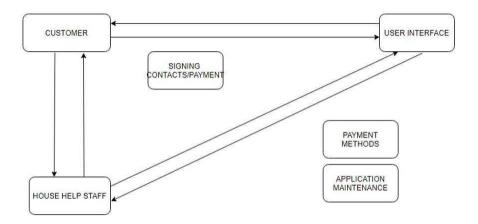
Architecture Diagram with description

The architecture diagram of our project shows the layout of our project. From the diagram we can infer that the website which is made using HTML,CSS and Javascript is integrated using a servlet

integrator and is connected to the server. The server has access to the database and it redirects all the incoming and outgoing links to the security module which manages all the data links as it sends

the client script to the client PC and receives the client searches via cloud link. The client script ultimately shows the desired data to the client PCs
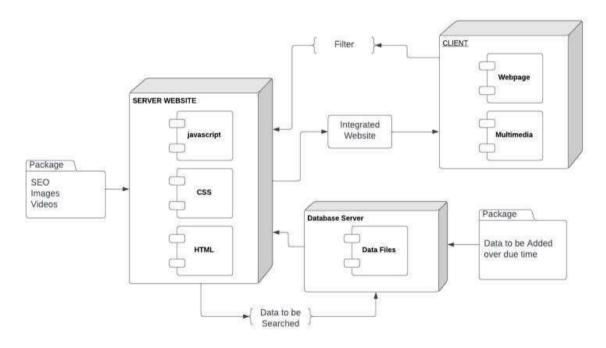
State Diagram with Description

Collaboration diagram is another form of interaction diagram. It represents the structural organization of a system and the messages sent/received. Structural organization consists of objects and links.The purpose of collaboration diagram is similar to sequence diagram. But the specific purpose of collaboration diagram is to visualize the organization of objects and their interaction.

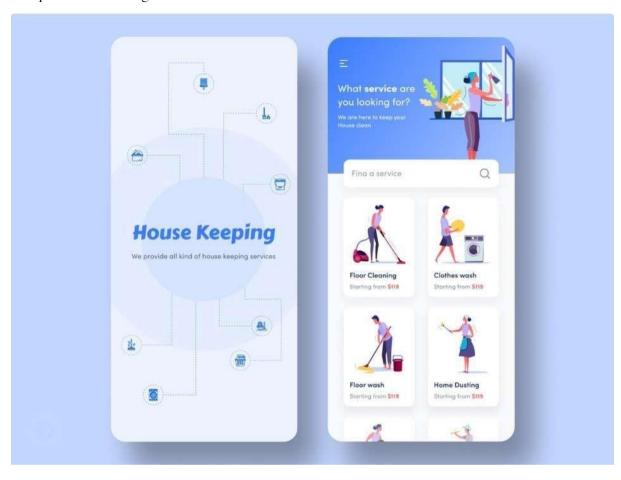 Collaboration **Diagram with Description**

Collaboration diagram is another form of interaction diagram. It represents the structural organization of a system and the messages sent/received. Structural organization consists of objects and links.The purpose of collaboration diagram is similar to sequence diagram. But the specific purpose of collaboration diagram is to visualize the organization of objects and their interaction

Deployment Diagram with Description

The deployment diagram shows that the client receives the website link from the server and sends the constraints (filter) back to the server which in turn forwards it to the database and receives the data based on those constraints. The server is made using a mix of javascript, CSS, HTML and a package consisting of multi-media files is also sent to the server and the entire combination is integrated to make it ready to be sent to the client.

Sample Frontend design

Aim

To describe modules and implement Module1

Team Members:

Software Used

HTML,CSS, JavaScript, Mysql

Code of Module 1

```html
<html>
<head>
<meta content="text/html; charset=ISO-8859-1"
http-equiv="content-type">
<title>maidforyou</title>
<meta content="text/html; charset=ISO-8859-1"
http-equiv="content-type">
</head>
<body>
 
<img style="width: 138px; height: 138px;"
src="/43235.png"
alt="">                 
 
                   
                   
                   
                   
                   
               
           &nbsp
;           &nbs
p;   <a
href="book.html"><img
style="border: 0px solid ; width: 302px; height: 123px;" alt=""
```

```html
src="file:///C:/Users/Manohar/Downloads/create-account-button-create-ac
count-web-button-editable-vector-illustration-isolated-white-background
-122391401-removebg-preview.png"></a>
<a href="login.html"><img
style="border: 0px solid ; width: 187px; height: 67px;" alt=""
src="file:///C:/Users/Manohar/Downloads/317-3177079_free-icons-png-gree
n-login-button-png-clipart-removebg-preview.png"></a> 
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;
<br>
<big><big><big><big><big><big><span style="font-family:
Almonte;"><big><big><big><span
style="color: black;">maid
for</span>
you</big></big></big><span style="color: rgb(74, 206,
79);"></span></span></big></big></big></big></big></big><big><big><big>
<big><big><big><span
style="font-family: Almonte;"> 
 
```

```html
           &nbsp
;           &nbs
p;         
<br> <marquee>
<img style="width: 370px; height: 477px;" alt=""
src="file:///C:/Users/Manohar/Downloads/6364164_preview-removebg-previe
w.png">  
        <img
style="width: 364px; height: 455px;" alt=""
src="file:///C:/Users/Manohar/Downloads/228-2285039_maid-png-download-h
ousekeeper-png-removebg-preview.png">
            <img
style="width: 305px; height: 459px;" alt=""
src="file:///C:/Users/Manohar/Downloads/house-cleaning-and-maid-service
s-5-star-hotel-housekeeping-maid-png-820_593-removebg-preview.png">
         
              
</span></big></big></big></big></big></big><br>
</marquee>
<br>
<big style="font-weight: bold;"><big><big><big><span
style="text-decoration: underline;">Categary:</span><span
style="text-decoration: underline;"><span
style="text-decoration: underline;"></span><br>
</span> </big></big></big></big><br>
<table style="text-align: left; width: 1297px; height: 300px;"
border="1" cellpadding="2" cellspacing="2">
<tbody>
<tr>
<td style="vertical-align: top; text-align: center;"><a
href="Cloth%20washing.html"><big><big><big><big>Cloth
washing</big></big></big></big>    
<br>
<img
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-5.jpg"
alt=""></a> <br>
</td>
<td style="vertical-align: top; text-align: center;"><a
href="utensils%20washing.html">  <big><big><big><big>Utensils
washing</big></big></big></big><br>
<img
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-6.jpg"
alt=""></a> <br>
```

```html
</td>
<td style="vertical-align: top; text-align: center;"><a
href="House%20cleaning.html">  <big><big><big><big>House
cleaning</big></big></big></big><br>
<br>
<img style="width: 155px; height: 155px;"
src="file:///C:/Users/Manohar/Downloads/Maid-Transparent-Image.png"
alt=""></a> <br>
</td>
</tr>
<tr>
<td style="vertical-align: top; text-align: center;"><a
href="cooking.html"><big><big><big><big>Cooking</big></big></big></big>
<br>
<br>
<img style="width: 145px; height: 145px;" alt=""
src="file:///C:/Users/Manohar/Downloads/multi-tasking-wife-1580277-1339
015-removebg-preview.png"></a>
<br>
</td>
<td style="vertical-align: top; text-align: center;"><a
href="Baby%20sitting.html"><big><big><big><big>Baby
sitter</big></big></big></big><br>
<img style="width: 153px; height: 153px;" alt=""
src="file:///C:/Users/Manohar/Downloads/43235.png"></a> <br>
<br>
</td>
<td style="vertical-align: top; text-align: center;"><a
href="elderly%20care.html"><big><big><big><big>Elderly
care</big></big></big></big><br>
<img style="width: 268px; height: 188px;" alt=""
src="file:///C:/Users/Manohar/Downloads/images-removebg-preview.png"></
a>
<br>
</td>
</tr>
</tbody>
</table>
<br>
<big><big><big>Contact us :       <br>
     <br>
<a href="https://www.facebook.com/manohar.rathore.967422"><img
style="border: 0px solid ; width: 91px; height: 90px;" alt=""
```

```html
src="file:///C:/Users/Manohar/Downloads/WhatsApp_Image_2020-07-26_at_12
-removebg-preview%20%281%29.png"></a> <a
href="https://twitter.com/manoharsingh276?s=09"><img
style="border: 0px solid ; width: 89px; height: 92px;" alt=""
src="file:///C:/Users/Manohar/Downloads/WhatsApp_Image_2020-07-26_at_12
-removebg-preview%20%282%29.png"></a>
</big></big></big><a
href="https://www.instagram.com/themanoharsingh27/?igshid="><img
style="border: 0px solid ; width: 89px; height: 88px;"
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-23.jpg"
alt=""></a><big><big><big> <a
href="mailto:themanoharsingh27@gmail.com"><img
style="border: 0px solid ; width: 91px; height: 91px;" alt=""
src="/228-2285039_maid-png-download-housekeeper-png-removebg-preview.pn
g"></a>
   
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;           &nbs
p; 
<br>
</big></big></big>
<br>
<br>
</body>
</html>
```

Aim

To implement Module 2 of the project and display the output of the module with new requirements may assimilated

Software Used

HTML,CSS, JavaScript, Mysql

Code of Module 2:

```html
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html><head>
  <meta content="text/html; charset=ISO-8859-1"
http-equiv="content-type"><title>book3</title>

<style>
  .msr { font-family:  Almonte;
  }
</style>
  <script>
function validateForm()
{
var x=document.book3.name.value;

if (x==null || x=="")
{
alert("Please enter your name");
document.book3.name.focus();
return false;
}
var y=document.book3.phone.value;
if (y==""||isNaN(y) || y.length>10 || y.length<10)
{ alert("Please enter a valid Phone no.");
document.book3.phone.focus();
return false;
```

```
}
var z=document.book3.email.value;

if (z==null || z=="")
{
alert("Please enter a valid Email address");
document.book3.email.focus();
return false;
}
if((document.book3.gender[0].checked==false)&&(document.book3.gender[1]
.checked==false))
{ alert("Please select the Gender");
document.book3.gender[0].focus();
return false;
}
}
  </script></head><body>
<form onsubmit="return validateForm()" method="post"
action="book3.html" name="book3"><img style="width: 51px; height:
51px;"
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-1.jpg"
alt=""><big><big><big><big><big><big><big><span style="font-family:
Almonte;">maid for
you</span></big></big></big></big></big></big>   &
nbsp;          
           &nbsp
;           &nbs
p;           &nb
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;           &nbs
p;           &nb
sp;        
  <br>
                   
                   
                   
                   
                 
```

```html
                           
                
<big><big><big>Create an account</big></big></big><br>
  <br>
<big>

        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><big>
        </big><big>
      </big><table style="text-align: left; width: 333px; height:
195px; margin-left: auto; margin-right: auto; background-color: rgb(30,
198, 177);" border="1" cellpadding="2" cellspacing="2">
    <tbody>
      <tr align="left"><td style="vertical-align:
top;"><big>Name         :
<input name="name"><br>

        </big></td></tr>
      <tr><td style="vertical-align: top;"><big>Phone No.  :
<input name="phone"><br>

        </big></td></tr>
      <tr><td style="vertical-align: top;"><big>Email Add  :
<input name="email"><br>

        </big></td></tr>
      <tr><td style="vertical-align: top;"><big>Gender    
  : Male <input name="gender" value="male" type="radio"> Female
<input name="gender" value="female" type="radio"><br>

        </big></td></tr>
      <tr><td style="vertical-align:
top;"><big>Country      :
```

```html
        <select name="City">

        <optgroup label="Ahemdabad"></optgroup><optgroup
label="Surat"></optgroup><optgroup
label="Vadodara"></optgroup><optgroup
label="Rajkot"></optgroup><optgroup label="Anand"></optgroup><optgroup
label="Palanpur"></optgroup><optgroup label=""></optgroup>

        </select>

        <br>

        </big></td></tr>
      <tr><td class="msr" style="vertical-align:
top;"><big>        
         <input value="Create now"
type="submit"><br>

        </big></td></tr>
    </tbody>

</table>          &nb
sp;           &n
sp;           &n
bsp;           &
nbsp;           
           &nbsp
;       
<br>           &
nbsp;           
           &nbsp
    <big> Already have an account ? <a
href="login.html">Login </a></big><br>
<br>
</form>

</body></html>
```

Aim

　　　To implement Module 3 of the project and display the output of the module with solving New Issues.

Software Used

　　　HTML,CSS, JavaScript, Mysql

Code of Module 3

```html
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html><head><meta content="text/html; charset=ISO-8859-1"
http-equiv="content-type"><title>House cleaning</title></head><body>

<meta content="text/html; charset=ISO-8859-1"
http-equiv="content-type"><title>cooking</title><meta
content="text/html; charset=ISO-8859-1"
http-equiv="content-type"><title>Baby sitting</title>




<img style="width: 51px; height: 51px;"
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-1.jpg"
alt=""><big><big><big><big><big><big><big><span style="font-family:
Almonte;">maid for you</span></big></big></big></big></big></big>
<table style="text-align: left; width: 1297px; height: 750px;
background-color: rgb(6, 224, 230);" border="1" cellpadding="2"
cellspacing="2">
<tbody>
<tr>
<td style="vertical-align: top;"><img
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-19.jpg"
alt=""></td>
<td style="vertical-align: top;"><big><big><big>Name   
```

```html
: Rohinees<br>
Rate      : 800rs /month<br>
Rating   : 4.3<br>
Timing  : 8am<br>
 <br>
                           
<a href="book.html"><input name="BOOK NOW" value="BOOK NOW"
type="button"></a></big></big></big><br>
                                                                                                                        
<br>
</td>
</tr>
<tr>
<td style="vertical-align: top;"><img
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-21.jpg"
alt=""></td>
<td style="vertical-align: top;"><big><big><big>Name   
: Sandhya Ambolkar<br>
Rate      : 900rs /month<br>
Rating   : 4.4<br>
Timing  : 9am<br>
 <br>
                          
```

```html
<a href="book.html"><input name="BOOK NOW" value="BOOK NOW"
type="button"></a></big></big></big></td>
</tr>
<tr>
<td style="vertical-align: top;"><img style="width: 610px; height:
408px;"
src="file:///C:/Users/Manohar/AppData/Local/Temp/moz-screenshot-22.jpg"
alt=""></td>
<td style="vertical-align: top;"><big><big><big>Name   
: Jyoti Kaur<br>
Rate      : 700rs /month<br>
Rating   : 4.2<br>
Timing  : 9am<br>
 <br>
           &nbsp
;           &nbs
p;    
<a href="book.html"><input name="BOOK NOW" value="BOOK NOW"
type="button"></a></big></big></big></td>
</tr>
</tbody>
</table>
<br>




</body></html>
```

Aim

To Prepare master test plan and Test cases for testing the project

Executive Summary

The scope of a test defines what areas of a customer's product are supposed to get tested. Thescope of testing of our software application is to check functional requirements like login, creating new posts and displaying posts and non-functional requirements like speed and performance.

The objective of testing our software is to identify bugs and solve them, improve performance and speed and fulfill various functional and non- functional requirements.

The approach to test the software application is manual using word template and checking for each sample test case and maintain a test manual and check for expected and actual outcome.

Test Plan

Scope of Testing

The testing will cover testing the home page, signup/login page and post page on things like valid passwords, creation and display of posts, etc. and testing various non-functional requirements like speed, performance, delay.

Functional: All functional requirements are being taken care of. For ex: - functioning of home page, login/signup, post display page, etc.

Non-Functional: Almost all non- functional requirements are being taken care of. For ex: - Performance, Speed, Time delay, huge traffic of users.

Types of Testing, Methodology, Tools

Category	Methodology	Tools Required
Functional Requirements	Manual	Word Template
Non-Functional Requirements	Manual	Word Template

Test Case

Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
T_001	Check signup functionality	Accepts valid email and password for new account	1. User clicks on signup 2. Enter the valid details 3. Click submit button	User should be taken to the next page where they can create new post	User goes to next page where they can create new post	Pass	success
T_002	Check signup functionality	Check if given password is valid or not	1. User clicks on signup 2. Enter email and password 3. Click submit button	User will be shown wrong password error upon entering invalid password	User gets shown wrong password after entering invalid password	Pass	success
T_003	Create post	Accept post details and store in database	1. User click on create post 2. Enter post details 3. Click submit button	User will be shown the page where all posts are displayed	User goes to the page where all posts are displayed	Pass	success

Non-Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
T_001	Multiple users creating posts at the same time	Accepts a valid post and store it	1. Users will click on create post tab. 2. Fill necessary details. 3. Press Submit button.	All users will go to other page where all the posts are displayed	All users go to other page where all the posts are displayed	Pass	Success
T_002	Users visit the home page	Enter the website link to visit the page	1. Users will type the website link. 2. User press enter.	Users will go to the root directory with a neat and beautiful user interface	Users goes to root directory with a neat and beautiful user interface.	Pass	Success

Aim

To conduct manual test using Test cases and prepare test report for the project

Testing manual was prepared and manual test cases were tested covering the given scope of all functional and non-functional requirements.

present obstacles to proceed further

In non-functional requirements the time delay and performance can be improved to achieve excellence in the development of software.

help from stakeholders to remove obstacles/constraints

Using paid and renowned web hosting service through the help of stakeholders can improve the performance, response time and reduce latency in the software.

Using high speed network can also contribute to the enhancement of software.

Category	Progress Against Plan	Status
Functional Testing	Green	Completed
Non-Functional Testing	Amber	In-Progress

Functional	Test Case Coverage (%)	Status
Home page	100%	Completed
Login/Signup	95%	Completed
Post page	95%	Completed