Hotel Management System

- **Members Details:**

Name	Student ID
Vishvarajsinh Chauhan	201901015
Paras Movaliya (Group leader)	201901027
Karan Solanki	201901085
Mayur Pandar	201901090
Yash Prajapati	201901120
Milan Vadheri	201901121

- **TA : Mahir sir**

- **Date:15-04-2022**

- **Start Date: 28-02-2022**

- **End Date: 13-05-2022 (Approx. 11 weeks)**

- **Activity list**

Activity	Start Date	End Date	Estimated Time(hours)
(a) Formulation of the problem	21/03/22	31/03/22	40
i. Reading relevant background information	21/03/22	24/03/22	10
ii. Understanding and documenting the requirements	25/03/22	29/03/22	25
iii. Discussions	30/03/22	31/03/22	5
(b) Designing a solution, documentation	01/04/22	7/04/22	25
(c) Relevant learning	28/03/22	7/04/22	10
(d) Coding and unit testing	01/04/22	20/04/22	25
(e) Documentation	21/04/22	22/04/22	5
(f) Testing (g) Reviews	25/04/22	27/04/22	5
(h) Re-work and de-bugging	28/04/22	1/05/22	10

- **Project Plan:**

Activity	Start Date	End Date	Responsible Person
(a) Formulation of the problem	21/03/22	31/03/22	Paras,Vishvarajsinh
i. Reading relevant background information	21/03/22	24/03/22	All members
ii. Understanding and documenting the requirements	25/03/22	29/03/22	All members
iii. Discussions	30/03/22	31/03/22	All members
(b) Designing a solution, documentation	1/04/22	7/04/22	Vishvarajsinh,Paras
(c) Relevant learning	28/03/22	7/04/22	Milan,Karan
(d) Coding and unit testing	1/04/22	20/04/22	Karan,Milan
(e) Documentation	21/04/22	22/04/22	All member
(f) Testing	23/04/22	24/04/22	Mayur,Yash
(g) Reviews	25/04/22	27/04/22	All members
(h) Re-work and de-bugging	28/04/22	1/05/22	All members

- **Testing Strategy:**

Test Case for User login		
Steps	Testing Procedure	Expected Result
1.	Customers goes to system homepage	View system homepage
2.	If a customer is new, then customer clicks "Registration" to create an account	View registration fill up page
3.	Click the "Login" button to enter page login	View login page
4.	Customer enters the authentication details and clicks "Login".	Customer gets successfully logged in and gets redirected to Dashboard.

Test Case for Room reservation		
Steps	Testing Procedure	Expected Result
1.	Customer goes to view room page	View available rooms with prices and categories
2.	Click the "Reservation" button to book the room	View Reservation page for selecting the number of rooms

Test Case for Payment		
Steps	Testing Procedure	Expected Result
1.	Customer goes to payment page for the payment	View payment page
2.	Customer has to fill all the verified details related to payment	View filled details and verify with some facts. (Like bank account no should be 11 digits etc.,)
3	Customer has to submit the one-time password for successful transaction	View Payment status to the customer

Test Case Customer feedback		
Steps	Testing Procedure	Expected Result
1	Customer goes to feedback page for the feedback	View feedback page
2	Customer gets space to fill the experience of the hotel services and submit it.	View Customer response

We pass the system from four level testing.
1) **Unit testing**
2) **Integration testing**
3) **System testing**
4) **Acceptance testing**

➢ **For each requirement, test transactions, expected results**

- Schedule: 8th April to 20th April
- Responsible person: Karan Solanki, Milan Vadheri
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format

➢ **Test cases for the design**

- Schedule: 15 April to 22 April
- Responsible person: Vishvarajsinh Chauhan, Paras Movaliya
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format.

❖ **Test cases & expected results for integration**

➢ **Module integration.**

- Schedule: 18 April to 20 April
- Responsible person: Karan Solanki, Yash Prajapati

- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format.

> **User Interface integration.**

- Schedule: 23 April to 25 April
- Responsible person: Mayur Pandar, Milan Vadheri
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format.

❖ **Test data, expected results for unit testing**

- Schedule: 18 April to 24 April
- Responsible person: Vishvarajsinh Chauhan, Paras Movaliya, Yash Prajapati
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format

- **Any other special activities and an appropriate breakup with estimation, as recommended by the standard fixed.**

> **System testing**

- Schedule: 22 April to 24 April
- Responsible person: Karan Solanki
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format

> **Acceptance testing**

- Schedule: 26 April to 28 April
- Responsible person: All members
- Placement of test cases, test data & expected results (folder/files) will be stored in GitHub repo in .csv format