Team Project

Deliverable 3 – Project Phase 1

CSCE 5430 (Fall 2020)

**Due Date:**

• Code (project repository): 10/14, 11:59pm

• A file containing core functionalities (project repository): 10/14, 11:59pm

• Report (project repository): 10/14, 11:59pm (11/12 point, single space, 5-8 pages)

• Demo: 10/15 in class (PowerPoint, 5 minutes per group)

**Weight**: 14% of the final grade

**Late Policy:** 10% deduction per day.

**Deliverables:**

This is the first implementation phase of your project. For this part, you will hand in a working program based on the specifications you developed for Deliverable 2 along with the design document and test cases. In addition, you will provide a user manual and installation instructions.

3. **Report:** One document (e.g., Deliverable-3.pdf) that contains the following items:

**a. Requirements**

List a set of requirements designated for this development phase.

• If the scope for this phase is unchanged, use the same requirements of phase 1 specified in Deliverable 2.

• If not, explain the reasons why the plan is changed and describe the updated plan including the modified set of requirements for all phases.

**Development Phase 1**: We are with the initial plan for the phase 1 development. Therefore, giving a brief description of the phase 1 requirements and functionalities from deliverable-2.

|  |
| --- |
| **UI - HOME PAGE**- The home page contains everything the user is looking for in a quick glimpse. It has transitions which will walk the user through our hotel experience. When we scroll down in a home page, we see the types of rooms we offer including the elaboration of the kind of services out hotel provides. When we go the very bottom of the home page, we see the user reviews which are posted to our website and a book now option which navigates us to the booking page. |
| **UI – REGISTRATION**- In the registration page we have to fill up the basic user contact details like the username email address phone number and address and click sign up where the user will be able to use his id from the next time while booking. In the registration page few fields have conditions for example when we consider password must have at least one upper case letter and it should be 8 characters in minimum. The phone number accepts only 10 numbers and zip code accepts only 5 numbers in total. |
|  |
| **UI - ABOUT & HOTEL OFFERINGS PAGE**- The about and hotel offerings page has the information about the hotel page and the contact details of the hotel and what type of services we offer. |
| **DATABASE CUSTOMER DATA LINKING** – We use MYSQL in the back end to store the user data in the tables. This data is linked through php and once we click the sign up or submit button in the registration page the data is stored in the respective tables in the back end. When the user logins from the login page the data is fetched from the backend and verified if the user data is correct or not and then proceeds to login. |

**b**. UML design. You must include the following diagrams:

• **Class diagram**

**Diagram

Description automatically generated**

**• Sequence diagram**

**A picture containing timeline

Description automatically generated**

**• Use case diagram** – one normal case and one error case should be included.

**Normal Case**

Diagram

Description automatically generated

**Use case-Error Case**

**Diagram

Description automatically generated**

**c. Test Cases (unit tests)**

List a set of test cases used for testing the working program including descriptions of tests (e.g., what functionality they test, and inputs/outputs for them)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case Number | Functionality | Expected result | Actual result | Success/Failure |
| 1. | Registration:  Enter all the required fields. Name, password, email, phone (8 digits), zip code. | Incorrect data | Incorrect data | success |
| 2. | Registration:  Enter all the required fields. Name, password (without proper format), email, phone, zip code. | Match the right format | Match the right format | success |
| 3. | Registration:  Enter all the required fields. Name, password, email, phone, zip code (4 digits). | Incorrect data | Incorrect data | success |
| 4. | Registration:  1.Enter all the required fields. Name, password, email, phone, zip code.  2.Click on signup | Enters the home page | Enters the home page | success |
| 5. | Login:  1.Enter the username and password  2.Click Login | Enters the home page | Enters the home page | success |
|  |  |  |  |  |

**d**. A user manual that tells us how to install/use your program. This is meant for the end-user of the software. You may include screen shots, where appropriate.

**Answer:** Our phase 1 includes registration, the customer needs to give all the right field values with the right conditions. The conditions are:

1. Password conditions: should contain lower case, upper case and minimum of 8 digits.
2. Phone number: Exactly 10 digits
3. Zip code: Exactly 5 digits
4. Email Id: Should be in an email format.

After registering he enters into the home page, home page contains various buttons like rooms, about us, explore, on click of any of these, user enters into that particular page.

**e**. Clear instructions on how to compile/run both your program and your test cases (the program must compile/run).

**User manual to test and use the code:**

Download all the codes in the phase 1 (link: motelpro/Source Code/Phase1/) in Github.

You will be having folders for each page in which you can code and can also download the file to test.

You need to click on the login\_new.php and enter credentials if already had account and click on login Otherwise click on Sign\_up button on it.

Then You will be redirected to registration page where you will be filling all the details to register. These details will be stored in database.

While entering details there are few validations like:

Password needs to have at least 8 characters in which one capital letter, one small letter and one number should be present.

Email should be in email format.

Phone number should have exactly 10 digits.

Zip code should have exactly 5 digits.

After entering all the details and clicking on sign up you will be redirected to Home page

After redirected to home page you will see few buttons, you can explore them.

We have also added functionalities for explore and contact us which can be accessed by clicking on home page.

We are using Xampp for the Tomcat server and mysql.

Database name: motelpro

Table created: Customers

f. A section that briefly describes feedback received during the peer review session and actions taken based on the feedback.

**Answer**: Based on the feedback received from the other group they were happy with our documentation.

The other team had a question regarding the placement of the login page, so we placed our login page in the beginning and fixed their doubt.

Their next question is regarding the points and coupons. We are thinking of implementing the points and providing coupons regarding the bookings of the customers. However, we are going to finalize them keeping the time constraint in mind and after testing the feature in action.

g. Member contribution table (should describe who wrote what components or classes of the system and what parts of the report)

**Member contribution table**

|  |  |  |  |
| --- | --- | --- | --- |
| Member name | Contribution description | Overall Contribution (%) | Note  (if applicable) |
| HEMANTH KUMAR KALUVAKURI | Backend Developer, Presentation | 20% |  |
| PRATHYUSHA DASARI | Backend Developer, Presentation | 20% |  |
| SRIHARSHA JALIGAMA | UI Developer, Documentation | 20% |  |
| RAHUL REDDY KANMANTHAREDDY | UI Developer, Documentation | 20% |  |
| ANURAG MUTYAPWAR | UI – Developer, Documentation | 20 % |  |

4. The updated meeting minutes (in the project repository).

5. **Demo:** done in class, 10/15.

**Document formats:** Your documents may be in any of the following formats (1) MS

Word (2) Adobe Acrobat (pdf). If you plan to use other formats, please discuss this with

the instructor to confirm compatibility.

**Grading:** You will be graded on how well you have completed each of the required

elements and on your adherence to the directions given. Credit will be given for the

completeness and level of detail placed into each of the required elements.

**Group Policy:** Each team member will receive the same grade for their assignment,

however, if particular members are not participating, adjustments to that individual’s

grade may be made.

**What to Hand In:** At 11:59pm on the due date the instructor or TA will take a snapshot

of each of your directories and use this for grading. Create a “**Note-deliverable-3**” file (a

top level, plain text) to indicate the names of deliverable files and their locations for this

deliverable.