**Documentation: Group VI**

Project Name: Arogya Med Store (based on Med Plus)

**Milestones:**

**Description Of the home Page:**

The home page is created which will be displayed as soon as someone visits the site. The home page is divided into three sections – header, body and footer. In the header part, on the left side, the site logo is displayed .In the middle part of the header, the website name along with search bar. On the right side of the header, three icons – Login, Register and Cart are present. There will be a navigation bar which will contain 3 categories – Health Care, Personal Care and Baby Care with Drop Downs. The footer will consist of AboutUs link, along with social sites like Instagram, facebook, twitter, etc. On selecting the Login button, the user will get a page for the Login/Register. If user is already a registered user, he will be redirected to login page and validated with the data in the database. A database containing the user details is created and is mapped with the project using annotations. This database is used in the validation for checking if the user exists or not.

**Note**: **Body doesn’t contain anything in this Milestone.**

**Stories**

Story 1: Header

* Header: In the header there will be a Company Logo on the left corner, Search Bar and the name of the website in the middle, Login/Register and Cart icons on the right side, and the navigation bar with several options is present in the header. If the user clicks on the Login/Register icon the user will be redirected to that page, If the user is already having an account he/she can login, If not then the user can go to registration page and enter all the credentials that they are asked for and click on the register button, which will redirect them to the login page where he has to enter the user Id and password to login.

The time required to complete this story: 6 hours.

Story 2: Footer

* Footer: The footer will consist of the various information that will be helpful to the user. It will contain About Us details, which tells everything about the website and the details that are related and links to different social networking sites like Facebook, Instagram, Gmail, Twitter, etc. So that the user can see the details via different networking sites.

The time required to complete this story: 5 hours.

Story 3: Navigation Bar

* The Navigation Bar contains three option namely, Health care, Personal care and baby care, which further gives several products to choose from. For example if the user clicks on the personal care option, he/she will be able to see various categories like vaseline, ponds, etc. and clicking on a particular category the user will be able to see various products of that category and by clicking on a particular product we can see the details of that product and we can add that product to the cart for the further process.

The time required to complete this story: 5 hours.

Story 4: Login Page UI

* We will create Login UI page which will contain two text boxes, one text box accepts the User-Id and other accepts the Password. It will also contain a Login button, the user Id and the password that are entered by the user will be verified with the details present in the database, if both matches then the user will be logged in. If the user forgets his/her password by mistake then they can click on “Forgot Password?” link, which redirects them to another page which asks them to enter the Email Id and the User Id, which will again be validated with the information present in the database and if it is correct then they will get their old password.

The time required to complete this story: 5 hours.

Story 5: Login Controller

* The Login Controller class which acts as a Rest Controller is annotated with @RestController annotation and it consists of method like isValidate() which has input parameter : <User user>.

It internally calls the validate() of the service class pertaining to Login service. The time required to complete this story: 5 hours.

Story 6: Login Service

* The Login Service class consists of the method like validateUser() with input parameter <User user> . The database contains User-Id and the password which will be stored during the time of registration, those credentials will be taken here for validation. If the entries do not match the user will get Invalid message. If the credentials are valid then he/she will be logged in.

The time required to complete this story: 5 hours.

Story 7: Register UI

* We will create Registration page with the text boxes that takes User-Id, First Name, Last Name, Password, Confirm Password, Phone Number and Email Id. It will also contain a Register button. Clicking on the Register button, all the information provided will be saved in the database.

The time required to complete this story: 6 hours.

Story 8: Register Controller

* Register Controller class which acts as a Rest Controller is annotated with @RestController annotation and consists of a method called addUser(), with input parameter: <Registration register>.

This internally calls addUser() of the service class of registration.

The time required to complete this story: 5 hours.

Story 9: Register Service

* Registration Service class consists of methods like addUser (): with <Registration register> as input parameter,

This method will add the user details into the “UserData” database.

* Sub-story: emailValidate (), with input parameter <Registration register> which validates the email-Id of user input with the database email-Id previously stored. It checks for any matching email-Id previously exists.

If present, it prevents user from adding same email-Id.

Time required: 2 hour.

* Sub-Story: userValidate (), with input parameter as <Registration register>, it checks if there exists a similar user-Id previously, avoiding the repeating User-Id.

Time required: 3 hour

The time required to complete this story: 5 hours.

Story 10: Forgot Password UI

* The Forgot Password UI will consist of two text boxes which takes User-Id and Email-Id along with a Submit Button. This page will be opened when the user hits the “Forgot Password?” link, in which the user have to enter his/her User-id and Email-Id to get password.

The time required to complete this story: 4 hours.

Story 11: Forgot Password Controller

* ForgotPassword Controller class which acts as a Rest Controller is annotated with @RestController annotation and consists of a method called isValidates(), with input parameter: <User user>.

This internally calls isValidates() of the service class of registration.

The time required to complete this story: 5 hours.

Story 12: Forgot Password Service

* The ForgotPassword Service class consists of the method like validates() with input parameter <User user> . The database contains User-Id and the Email-Id which will be stored during the time of registration, those credentials will be taken here for validation. If the entries do not match the user will get Invalid message. If the credentials are valid then he/she will sent a previous password.

The time required to complete this story: 5 hours.

Story 13: Security

Story 14: Angular and Spring boot Integration:

* Login component integration with the spring boot code, login component.ts file calls for isValidate() in the onSubmit().

Time required : 3 hours

* Registration