CSCE 5430: Software Engineering

Team Delta Meeting Minutes

Date & Time:

September 29, 2024 – **6:30 PM to 11:00 PM**

October 1, 2024 – **10:00 AM to 12:30 PM**

October 5, 2024 – **4:00 PM to 6:00 PM**

October 6, 2024 – **4:00 PM to 6:00 PM** (In-person meet at Willis library)

October 9, 2024 – **4:30 PM to 7:00 PM**

October 11, 2024 – **11:00 AM to 2:30 PM**

October 13, 2024 – **9:00 AM to 11:00 AM**

October 15, 2024 – **5:30 PM to 8:30 PM** (In-person meet at Willis library)

October 16, 2024 – **7:30 PM to 10:30 PM**

October 18, 2024 – **4:30 PM to 7:30 PM**

October 20, 2024 – **6:00 PM to 9:30 PM** (In-person meet at Willis library)

Attendees:

1. Rishika kandrigal
2. Vishnu Priya Vulichi
3. Shabana Syed
4. Md Ariful Hasan
5. Ganesh Gundekarla
6. Vivek Nelluri
7. Pranav Chalasani
8. Ajay Kumar Reddy Sammeta

Progress Review:

- Ajay Sammeta made progress by completing the frontend implementation of landing page and developed the use-case diagrams of the project.
- Vishnu Priya Vulichi implemented frontend for login and medicine (search & add to cart) pages and created the class diagram for the models of the project
- Rishika implemented frontend part, CSS sheets for login page, ordering medicines & swiper. Along with that, styled index & app sheets.
- Vivek worked on integrating jest-dom into our project's testing in order to extend Jest with custom test matchers, as well as on compilation instructions and peer review feedback.
- Pranav Worked on frontend for creating the cart, creating the doctor appointment, creating a carousel. Also worked on test cases.
- Shabana Syed developed the frontend code for login page. Worked on building the sequence diagram for the project.
- Ariful Hasan worked on the reflection part of the eHealth project, analyzing objectives and challenges. Implementing the testing part. He successfully completed his task, offering key insights for project improvement.
- Ganesh has worked on developing the app.js, index.js and reportWebVitals.js files which are pushed into the src directory in our git along with this i had also done the backend part of the server.js which acts as a core part for starting up our app. After execution, i had specified a neat user manual on how to operate the website. I also made sure that our git directory is properly set up accordingly and code is pushed by our members accordingly.

Challenges and Solutions:

1) For retrieving records quickly with search functionality was a challenge.

2) Testing the appointments which are already booked, do not overlap with existing ones was a challenge in the testing phase.

3) Another challenge involved the error messages displayed to the user. Initially, the messages were inconsistent and unclear, refining these messages to be more user-friendly and precise required multiple iterations.

4) While generating passwords set by the user, it becomes really difficult process to secure it using a advanced encryption standard protocols which saves the password as a hash value in the database.

5) Building a well-designed, responsive and well understood website was a challenge.

6) For implementing smooth flow of clicks between all the objects was a challenge.

Actions:

- All team members ensured to complete the requirements from phase 1 to phase 3.
- Testing most part of the test cases.
- Implementing functionalities, designing UML diagrams.
- Building a user-friendly interface
- Setting up a MongoDB is done.
- Took some sample medicine data and used it to display on our site.
- Encrypting user passwords and storing it securely only under the eyes of db admin.