**Summary Report**

I have described the complete project in the backend report, where you can find the system architecture, development life cycle, implementation and Testing.

To develop this whole system, I used MERN (Mongo DB, React, Express, Node.js) technology. I took 10 days to develop this whole system working on an average of 10 hours per day. This was a challenging yet rewarding task.

I have provided a brief of my time line below in a table format.

**Time Line and efforts:**

|  |  |
| --- | --- |
| **Date** |  |
| **06/23/2022** | **I decided the technology selection, Waterfall model selection, study current available system, Requirement gathering and developed SRS (System requirement Specification)** |
| **06/24/2022** | **Sort-out the functionality, Developed UML diagram such as Use case diagram, Schema Diagram, class Diagram, Sequence Diagram** |
| **06/25/2022** | **Implemented Download whole environment VS code, Node.js, MongoDB collection. Firstly, connected front end with the database by using node.js. (3 – tire Architecture)** |
| **06/26/2022** | **Built Schema model, Developed Basic API which Handles the Request from client to server.** |
| **06/27/2022** | **Started to working on Front end part, worked on beautifying System** |
| **06/28/2022** | **Worked with React.js to develop more powerful frontend, Worked on order place functionality** |
| **06/29/2022** | **Implemented Payment gateway, and Notification functionality** |
| **06/30/2022** | **Final touch up and make system more powerful, Testing system by basic Testing approach and made some changes** |
| **06/01/2022** | **Start to work on Documentation and description** |
| **06/02/2022** | **Provided corrections and created video. Report written for detail description about system and creation of project.** |
| **06/03/2022** | **Project finishes and ready for submission, final tests to check the product** |