

**CAPSTONE PROJECT**

**STUDENT’S WORKLOG SHEET**

**Student Name**​​**: Shantanu Vartak**

**Register Number**​​​**: 24MSP3045**

**Project Title: Blockchain Based Secure Donation Platform**

**Domain**​​​**: Cyber Security**

**Tools Learned / used**​​**: Solidity, Ganache, Remix IDE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Day** | **Date** | **Task** | **Student’s Remarks** | **Signature of Student with Date** | **Signature of the Project Mentor** |
| Day 1 | 02/06/2025 | Project domain discussion | Discussed Project Domain and Finalized Project Title |  |  |
| Day 2 | 03/06/2025 | Zeroth Review | Successfully Completed Zeroth Review |  |  |
| Day 3 | 04/06/2025 | Domain Research | Researched about Blockchain Technologies |  |  |
| Day 4 | 04/06/2025 | Domain Research | Researched about Donation Campaigns and Schemes |  |  |
| Day 5 | 05/06/2025 | Outlining Architecture | Drawing a Workflow of the Automation |  |  |
| Day 6 | 06/06/2025 | First Review | Successfully Completed First Review |  |  |
| Day 7 | 09/06/2025 | Implementation | Implemented the working of Solidity Smart Contract |  |  |
| Day 8 | 10/06/2025 | Implementation | Integrated Ganache with Remix IDE for local access |  |  |
| Day 9 | 11/06/2025 | Implementation | Creating Backend and APIs for the Webapp |  |  |
| Day 10 | 12/06/2025 | Implementation | Integrating the Backend+APIs with the Smart Contract |  |  |
| Day 11 | 13/06/2025 | Second Review | Successfully Completed Second Review |  |  |
| Day 12 | 14/06/2025 | Implementation | API Testing using Postman |  |  |
| Day 13 | 16/06/2025 | Implementation | Implementing Frontend and connecting it to the Backend |  |  |
| Day 14 | 17/06/2025 | Implementation | Testing the final Application |  |  |
| Day 15 | 18/06/2025 | Third Review | Successfully Completed Third Review |  |  |
| Day 16 | 19/06/2025 | Implementation | Preparing Final Capstone Project Report |  |  |
| Day 17 | 20/06/2025 | Final Review | Successfully Completed Final Review |  |  |