PROJ-611-T01 Adoption of Cloud Computing and Blockchain Technology in the Industry

**Team Members:**

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**Project Title:**

**Smart & Secure Decentralized Appointment Booking**

**Week 1:**

The team established the fundamental objectives and functional specifications for the Smart & Secure Decentralized Appointment Booking System that supports the project targets. Our team created important progress checkpoints for development maintenance alongside design specifications for blockchain features and automatic financial processes and time-sensitive reservations.

A structured development plan was developed which defined necessary tasks accompanied by deadlines together with budget allocation. We expected technical difficulties in integrating both smart contracts and cloud computing systems together with database security implementation because of budget constraints. To more focus on Team Roles & Responsibilities.

**Assign Roles:**

**Deep:** Will focus on Backend, Scalability & Performance.

**Bhumi:** Will Concentrate on Smart Contract

**Khushi**: Will manage the task for Front-end Application**.**

**Week 2:**

Our team has conducted thorough examinations of blockchain technologies between Ethereum and Hyperledger because we seek the most effective platform for our Smart & Secure Decentralized Appointment Booking System.

We also focus and research for the Truffle testing for smart contracts development while selecting the frontend/backend combination through Node.js and React.js. System efficiency along with scalability and security needs thorough practicality assessment and resource requirement evaluation to guarantee feasibility.