**Initial Project Planning Template**

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| Date | 12 July 2024 |
| Team ID | SWTID1720171884 |
| Project Name | Predicting Compressive Strength Of Concrete Using Machine Learning |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create a product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
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| Sprint-1 | Define Problem /  Problem  Understanding | CS-1 | Identify Business objective . | 1 | Medium | Rakesh | 12-07-24 | 12-07-24 |
| Sprint-1 | Define Problem /  Problem  Understanding | CS-2 | Understanding required features to solve the problem. | 1 | Low | Jayanth | 12-07-24 | 12-07-24 |
| Sprint-1 | Define Problem /  Problem  Understanding | CS-3 | Formulate the Problem Statement | 2 | Medium | Dattu | 13-07-24 | 13-07-24 |
| Sprint-2 | Data collection | CS-4 | Collect dataset | 2 | Medium | Manvitha | 14-07-24 | 14-07-24 |
| Sprint-3 | Data  Pre-Processing | CS-6 | Importing Dataset and Required Libraries | 1 | Low | Dattu | 14-07-24 | 14-07-24 |
| Sprint-3 | Data  Pre-Processing | CS-7 | Finding and Handling Missing Values | 2 | Medium | Manvitha | 14-07-24 | 14-07-24 |
| Sprint-3 | Data  Pre-Processing | CS-8 | Data Visualization | 1 | Low | Jayanth | 14-07-24 | 14-07-24 |
| Sprint-3 | Data  Pre-Processing | CS-9 | Splitting Dataset into Train and Test sets | 1 | Low | Rakesh | 15-07-24 | 15-07-24 |
| Sprint-4 | Model Building | CS-10 | Training and Testing Model | 2 | Medium | Rakesh | 15-07-24 | 15-07-24 |
| Sprint-4 | Model Building | CS-11 | Evaluate Model and save model | 1 | Low | Manvitha | 16-07-24 | 16-07-24 |
| Sprint-5 | Application Building | CS-12 | Creating HTML pages | 2 | Medium | Jayanth | 16-07-24 | 16-07-24 |
| Sprint-5 | Application Building | CS-13 | Build Python Flask Code | 2 | Medium | Manvitha | 17-07-24 | 17-07-24 |
| Sprint-5 | Application Building | CS-14 | Run App | 1 | Low | Dattu | 17-07-24 | 17-07-24 |