**Initial Project Planning Report**

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| Date | 15 July 2024 |
| Team ID | 740004 |
| Project Name | Rising Waters:A Machine Learning Approach To Flood Prediction |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement**  **(Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Priority** | **Team**  **Members** | **Sprint Start**  **Date** | **Sprint End Date**  **(Planned)** |
| Sprint-1 | Data Collection and Preprocessing | BS-3 | Understanding & loading data | High | M.Akhil | 2024/06/21 | 2024/06/21 |
| Sprint-4 | Data Collection and Preprocessing | BS-4 | Data cleaning | Medium | M.Akhil | 2024/06/21 | 2024/06/21 |
| Sprint-2 | Data Collection and Preprocessing | BS-5 | EDA | High | M.Akhil | 2024/06/23 | 2024/06/25 |
| Sprint-2 | Project Report | BS-20 | Report | medium | Chinmai | 2024/06/26 | 2024/06/26 |
| Sprint-1 | Model  Development | BS-8 | Training the model | 3High | Chinmai | 2024/06/27 | 2024/06/28 |
| Sprint-3 | Model  Development | BS-9 | Evaluating the model | High | Chinmai | 2024/07/09 | 2024/07/09 |
| Sprint-2 | Model tuning and  testing | BS-13 | Model tuning | High | Akhil | 2024/07/10 | 2024/07/10 |
| Sprint-1 | Model tuning and  testing | BS-14 | Model testing | Medium | Akhil | 2024/07/11 | 2024/07/11 |
| Sprint-1 | Web integration and Deployment | BS-16 | Building HTML  templates | High | Maheshwari | 2024/07/09 | 2024/07/09 |
| Sprint-3 | Web integration and Deployment | BS-17 | Local deployment | Medium | Maheshwari | 2024/07/10 | 2024/07/10 |