Initial Project Planning Report

| Date | 15 July 2024 | | | | | |
|---------------|--|--|--|--|--|--|
| Team ID | 739745 | | | | | |
| 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

| Sprint | Functional | User | User Story / Task | Priority | Team | Sprint Start | Sprint End Date |
|----------|---|--------|------------------------------|----------|---------|--------------|-----------------|
| | Requirement | Story | | | Members | Date | (Planned) |
| | (Epic) | Number | | | | | |
| 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 | BS-8 | Training the model | 3High | Chinmai | 2024/06/27 | 2024/06/28 |
|----------|--------------------------------|-------|----------------------|--------|------------|------------|------------|
| | Development | | | | | | |
| Sprint-3 | Model | BS-9 | Evaluating the model | High | Chinmai | 2024/07/09 | 2024/07/09 |
| | Development | | | | | | |
| Sprint-2 | Model tuning and | BS-13 | Model tuning | High | Akhil | 2024/07/10 | 2024/07/10 |
| | testing | | | | | | |
| Sprint-1 | Model tuning and | BS-14 | Model testing | Medium | Akhil | 2024/07/11 | 2024/07/11 |
| | testing | | | | | | |
| Sprint-1 | Web integration | BS-16 | Building HTML | High | Maheshwari | 2024/07/09 | 2024/07/09 |
| | and Deployment | | templates | | | | |
| Sprint-3 | Web integration and Deployment | BS-17 | Local deployment | Medium | Maheshwari | 2024/07/10 | 2024/07/10 |