**Initial Project Planning Template**

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| Date | 20 july 2024 |
| Team ID | SWTID1720084639 |
| Project Name | Beneath the Waves: Unraveling Coral Mysteries through Deep 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)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | download the dataset | USN-5 | Collect the Dataset | 1 | Medium | JEEVAN RUSHI | 07/07/2024 | 08/07/2024 |
| Sprint-1 | download the dataset | USN-6 | Data Preprocessing | 4 | High | RAHUL VARUN | 08/07/2024 | 14/07/2024 |
| Sprint-2 | Model building and Testing | USN-7 | Model building | 3 | High | JEEVAN RUSHI | 14/07/2024 | 16/07/2024 |
| Sprint-2 | Model building and Testing | USN-8 | Visualization of training and validation performance | 2 | Medium | SANKARA | 16/07/2024 | 17/07/2024 |
| Sprint-2 | Model building and Testing | USN-9 | Performance testing and saving best model(VGG16) | 2 | High | SOHAIL | 17/07/2024 | 18/07/2024 |
| Sprint-3 | Web Application Building and Model Deployement | USN-10 | Integrate model with Web Framework(Flask) | 5 | High | SOHAIL | 18/07/2024 | 19/07/2024 |





