**Initial Project Planning Template**

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| Date | 7 November 2024 |
| Team ID | 739889 |
| Project Name | Image Caption Generator |
| Maximum Marks | 4 Marks |

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

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
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| Sprint-1 | Registration | USN-1 | Understanding and collection of data | High | Srilaxmi, Amulya | 24/10/2024 | 26/10/2024 |
| Sprint-2 | Image Preprocessing | USN-2 | Improving the image data that suppresses unwilling distortions or some image features important for further processing. | High | Srilaxmi | 27/10/2024 | 29/10/2024 |
| Sprint-3 | Model Building | USN-3 | "training the model" refers to the process of teaching a neural network to detect and classify objects within images. This is done by feeding the model a dataset of labeled images where objects are annotated with bounding boxes and classes. | Low | Srilaxmi,  Amulya | 30/10/24 | 01/11/24 |
| Sprint-4 | Application Building | USN-4 | Build our flask application which will be running in our local browser with a user interface. he input parameters are taken from the HTML page These factors are then given to the model to predict the type of Garbage and showcased on the HTML page to notify the user. Whenever the user interacts with the UI and selects the “Image” button, the next page is opened where the user chooses the image and predicts the output. Flask importing and app.py | Medium | Srilaxmi | 02/11/24 | 06/11/24 |
| Sprint-5 | Project Report | USN-5 | Report | Medium | Srilaxmi | 07/11/24 | 11/11/24 |
| Sprint-6 | Documentation | USN-6 | The final Documentation | Medium | Srilaxmi, Amulya, Rajkumar D, Rajkumar B | 14/11/24 | 18/11/24 |