**Project Planning Phase**
**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

| Date | 22 October 2022 |
|---|---|
| Team ID | PNT2022TMID45599 |
| Project Name | A new hint to transportation - Analysis of the NYC bike share system |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|--------|------------------------------|-------------------|-------------------|--------------|----------|--------------|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | M.Pavithra |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | High | M.Pavithra |
| Sprint-1 | | USN-3 | As a user, I can register for the application through Gmail | 2 | Medium | M.Pavithra R.Boomika |
| Sprint-2 | Login | USN-4 | As a user, I can log into the application by entering email & password | 2 | High052 | M.Pavithra V.Rubini |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|--------|-------------------------------|-------------------|-------------------|--------------|----------|--------------|
| Sprint-2 | Collection of user data | USN-5 | I can access and collect the citi bike share system data from Lyft citi bike's official website that has the published files. | 2 | Medium | M.Pavithra |
| Sprint-2 | | USN-6 | I can use the citi bike share system data for analysis purposes | 5 | High | M.Pavithra M.Gopika |
| Sprint-3 | Analysing the user data | USN-7 | The data is used as input for creating various types of visualizations and analysis is done. I can view the analysis of the citi bike | 8 | High | M.Pavithra |
| Sprint-3 | Dashboard | USN-8 | I can register & access the dashboard created based on the analysis by logging in | 3 | Medium | M.Pavithra M.Gopika V.Rubini |
| Sprint-3 | | USN-9 | As a user I can view the dashboard that displays the top bike used with respect to trip duration | 5 | High | M.Pavithra M.Gopika |
| Sprint-4 | | USN-10 | As a user I can view the dashboard that displays the top 10 Start Station Names with respect to customer age group | 5 | High | M.Pavithra |
| Sprint-4 | | USN-11 | As a user I can view the dashboard that displays the customer and subscriber with respect to gender | 5 | High | M.Pavithra M.Gopika V.Rubini |
| Sprint-4 | | USN-12 | As a user I can view the dashboard that displays the total number of trips | 5 | High | M.Pavithra M.Gopika |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|--------|-------------------|----------|-------------------|---------------------------|-------------------------------------------------|------------------------------|
| Sprint-1 | 6 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | | |
| Sprint-2 | 9 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | | |
| Sprint-3 | 16 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | | |