

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID22565
Team Lead	Mahesh S M
Team Members	Pranav M Kabilraj S Robert Samuel J
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	Charumathi.K ,Nandhini.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Shivani.A, Elekkiya.S, Nandhini.S
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Marisakthi.G, Charumathi.K
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Charumathi.K ,Nandhini.S, Elekkiya.S

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	Charumathi.K, Marisakthi.G, Nandhini.S
Sprint-2		USN-6	I can use the citi bike share system data for analysis purposes	5	High	Charumathi.K, Shivani.A
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	Marisakthi.G, Elekkiya.S, Shivani.A
Sprint-3	Dashboard	USN-8	I can register & access the dashboard created based on the analysis by logging in	3	Medium	Nandhini.S, Marisakthi.G, Elekkiya.S
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	Elekkiya.S
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	Shivani.A
Sprint-4		USN-11	As a user I can view the dashboard that displays the customer and subscriber with respect to gender	5	High	Marisakthi.G
Sprint-4		USN-12	As a user I can view the dashboard that displays the total number of trips	5	High	Nandhini.S

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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		