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

Date	10 November 2022
Team ID	PNT2022TMID18193
Project Name	Smart Solution for Railways
Maximum Marks	8 Marks

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

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.	15	High	Santhosh Raj R Vishnu Pradeesh N Ruba Lawrence A Sivasubash S S
	Login	USN – 2	As a user, I can log into the application by entering email & Password	3	High	Santhosh Raj R Vishnu Pradeesh N Ruba Lawrence A Sivasubash S S

		USN-3	As a user, I can login using Gmail account	2	Low	Santhosh Raj R Vishnu Pradeesh N Ruba Lawrence A Sivasubash S S
Sprint-2	User interface	USN-4	As a user, I can book tickets using web UI	5	High	Santhosh Raj R
	Ticket Booking	USN-5	As a user, I can make ticket booking and QR code will be generated.	15	High	Vishnu Pradeesh N
Sprint-3	QR Code	USN-6	As a user, I can be verified with QR code for ticket verification	10	High	Ruba Lawrence A
	Location	USN-7	GPS tracking is used for location handling	8	High	Sivasubash S S
	Food delivery	USN-8	Food is made available by ordering foods using web UI	2	Low	Vishnu Pradeesh N Santhosh Raj R
Sprint-4	Payment	USN – 9	Complete payment information, using credit card or using online net banking or by direct cash delivery	10	High	Ruba Lawrence A Sivasubash S S
	Cancel Ticket	USN - 10	As a user,I can cancel ticket whenever needed	10	Medium	Santhosh Raj R Vishnu Pradeesh N Ruba Lawrence A Sivasubash S S

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	20	8 Days	5 Nov 2022	12 Nov 2022	19	11 Nov 2022
Sprint – 2	20	8 Days	13 Nov 2022	20 Nov 2022	20	19 Nov 2022
Sprint – 3	20	8 Days	21 Nov 2022	28 Nov 2022	20	27 Nov 2022
Sprint – 4	20	8 Days	29 Nov 2022	6 Dec 2022	20	5 Dec 2022

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.