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

Date	06 November 2022
Team ID	PNT2022TMID26022
Project Name	Smart Solutions 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 Passenger, I can register for the application by entering my email, password, and confirming my password.	7	High	R.Makesh Raaj
Sprint-1		USN-2	As a Passenger, I will receive confirmation email once I have registered for the application	7	High	J.Nithin Jerontius
Sprint-1	Login	USN-3	As a Passenger, I can log into the application by entering email & password	6	High	R.Makesh Raaj , E.Raghul
Sprint-2	Books Ticket	USN-4	I can select the Train and the train route to be travelled.	4	Medium	J.Nithin Jerontius , E.Raghul
Sprint-2		USN-5	I provide the basic details such as name, age, mobile number, etc.	6	High	R.Makesh Raaj, S.Mohammed Muzammil
Sprint-2	Selecting the Seat	USN-6	After providing the basic information, I can select the desired seat I wanted if it is in available state.	4	Medium	S.Mohammed Muzammil, E.Raghul
Sprint-2	QR Code Generation	USN-7	At last the QR Code is generated which contains the unique id through which the passenger information can be retrieved.	6	High	J.Nithin Jerontius , S.Mohammed Muzammil
Sprint-4	Tracking the location of Train	USN-8	As a Passenger, I can track the exact current location of the train.	13	Medium	R.Makesh Raaj , J.Nithin Jerontius , E.Raghul , S.Mohammed Muzammil
Sprint-3	Login	USN-9	As a Administrator, I can log into the application by entering email & password	6	Medium	J.Nithin Jerontius , E.Raghul , S.Mohammed Muzammil
Sprint-4	Cancel the Booking	USN-10	As a Administrator, I can Cancel the Ticket if the information of the passenger is inappropriate.	7	Low	R.Makesh Raaj , J.Nithin Jerontius ,

Sprint						
				E.Raghul , S.Mohammed Muzammil		
Sprint-3	*TTR Verifies the Passenger*	USN-11	As a Ticket Checker, I can scan the QR Code shown by the passenger.	7	High	R.Makesh Raaj , J.Nithin Jerontius , S.Mohammed Muzammil
Sprint-3		USN-12	As a Ticket Checker, I can verify the passenger using the information that displayed after scanning the QR Code.	7	High	R.Makesh Raaj , J.Nithin Jerontius , E.Raghul , S.Mohammed Muzammil

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	6 Days	24 Oct 2022	29 Oct 2022	20	30Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	20 Nov 2022

Project Tracker, Velocity & Burn down Chart: (4 Marks)

Burndown Chart:

Final Dataset:

Sprint	Points	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Total
1	20	7		7		6		20
2	20	6	4		6		4	20
3	20	6		7		7		20
4	20	7			13			20

Roadmap Chart: