Project Planning Phase

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

Date	30 Oct 2022
Team ID	PNT2002TMID36478
Project Name	Smart Solution for Railways
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

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.	8	High	Mohinth Raj T.R, Arunkumar. V, Boominathan. R, Thomson. D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a user, I can log into the application by entering email & password	4	High	Mohinth Raj T.R, Arunkumar. V, Boominathan. R, Thomson. D
Sprint-1	Data visualization	USN-2	As a user, I can register for the application through GMAIL	3	Medium	Mohinth Raj T.R, Arunkumar. V, Boominathan. R, Thomson. D
Sprint-1	Login	USN-3	As a user, I will receive confirmation email once I have registered for the application	5	High	Mohinth Raj T.R, Arunkumar. V, Boominathan. R, Thomson. D
Sprint-2	User Interface	USN-4	As a user, can register for the application through our website	13	High	Mohinth Raj T.R, Arunkumar. V, Boominathan. R, Thomson. D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Ticket booking	USN-5	User can select the train and booking the ticket and user can select the available seat	7	High	Mohinth Raj T.R, Arunkumar. V,
Sprint-3	QR code	USN-6	QR code generating and Details will be collecting	5	Medium	Boominathan. R, Thomson. D
Sprint-3	Locating	USN-7	GPS tracker Location is tracke	7	High	Arunkumar. V, Thomson.D
Sprint-3	Confirmation	USN-8	QR code is generate to user details will be checked Ticket has been confirmed	8	High	Mohinth Raj T.R, Arunkumar. V,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Payment	USN-9	Complete payment information, cash on online transaction, credit card payment information, then continue by cash	7	High	Mohinth Raj T.R, Arunkumar. V,
Sprint-4	Payment confirmation	USN-10	Complete successfully payment conform	7	High	Boominathan. R, Thomson. D
Sprint-4	Booking cancel	USN-11	User can cancel the ticket	6	Medium	Mohinth Raj T.R, Boominathan. R,

Project Tracker, Velocity & Burndown Chart:

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

Velocity:

AV for Sprint 1= Sprint Duration /velocity =20/5=4
AV for Sprint 2= Sprint Duration/Velocity=20/5=4
AV for Sprint 3=Sprint Duration/Velocity=20/5=4
AV for Sprint 4=Sprint Duration/Velocity=20/5=4

Burndown Chart: