Project Planning Phase
SPRINT DELIVERY PLAN

Date	18 October 2022
Project Name	Smart Solution for Railways
Maximum Marks	8 Marks

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	Reju Kannan
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	
Sprint- 2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Ragavi K
Sprint- 3	Dashboard	USN-5	Rechecking	2	Medium	Sowmiya N S
Sprint- 4	Booking	USN-6	To book the desire train	1	High	Sneha S L

Project Tracker, Velocity & Burndown Chart:

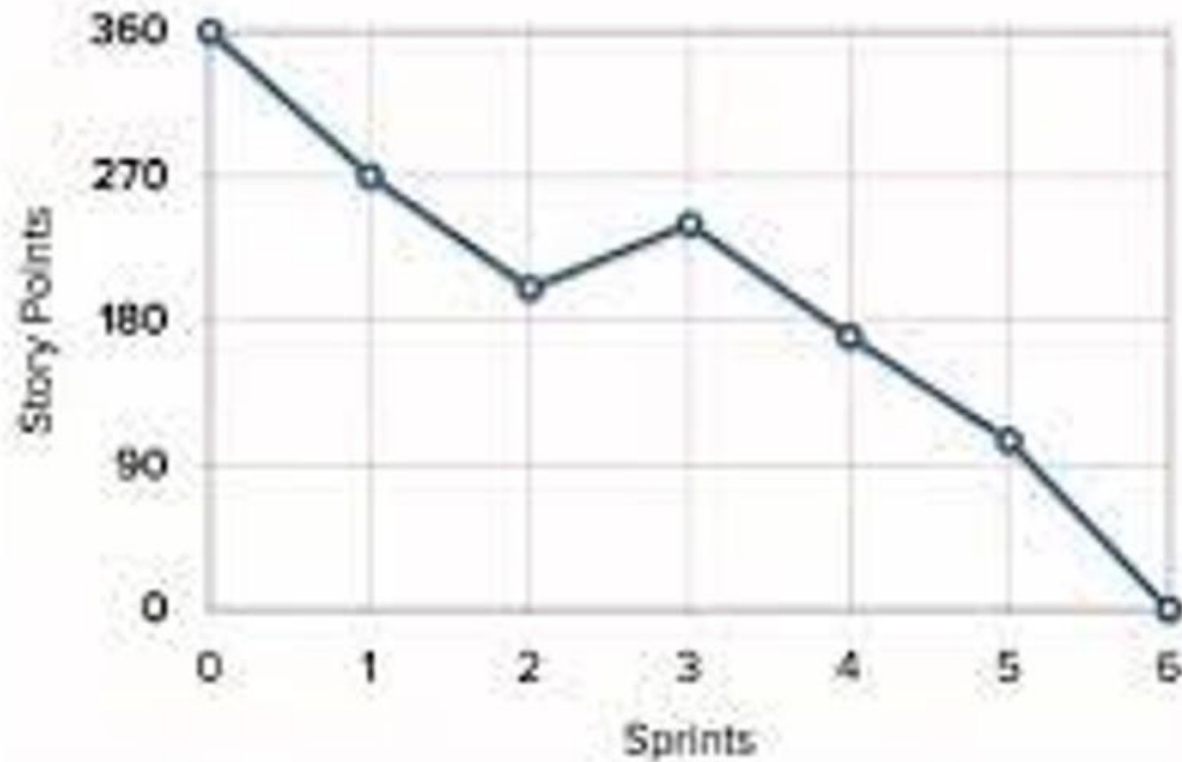| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	31 Oct 2022	1 Nov 2022	20	02 Nov 2022
Sprint-2	20	6 Days	07 Oct 2022	05 Nov 2022	19	8 Nov 2022
Sprint-3	20	6 Days	14 Nov 2022	12 Nov 2022	19	12 Nov 2022
Sprint-4	20	6 Days	24 Nov 2022	14 Nov 2022	18	15 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.

Burndown Chart