

Project Planning Phase
Project Planning (Product Backlog, Sprint Planning, Stories, Story points)
VSB Engineering College
IBM NALAYATHIRAN

Date	12 November
Team ID	PNT2022TMID33466
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Team Members	Abirami T , Afiya fagath A , Jothika M G , Jenifer G
Mentor Name	Janani S
Maximum Mark	8 Marks

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

Use the below template to create product backlog and sprint schedule

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

Sprint	Total Story	Duration	Sprint Start	Sprint End	Story Points	Sprint
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	Points		Date	Date(Planned)	Completed(as On Planned End Date)	Release Date (Actual)
Sprint-1	20	6 Days	6 November 2022	11 November 2022	20	12 November 2022
Sprint-2	20	6 Days	7 November 2022	12 November 2022	17	12 November 2022
Sprint-3	20	6 Days	8 November 2022	13 November 2022	18	13 November 2022
Sprint-4	20	6 Days	10 November 2022	15 November 2022	13	15 November 2022

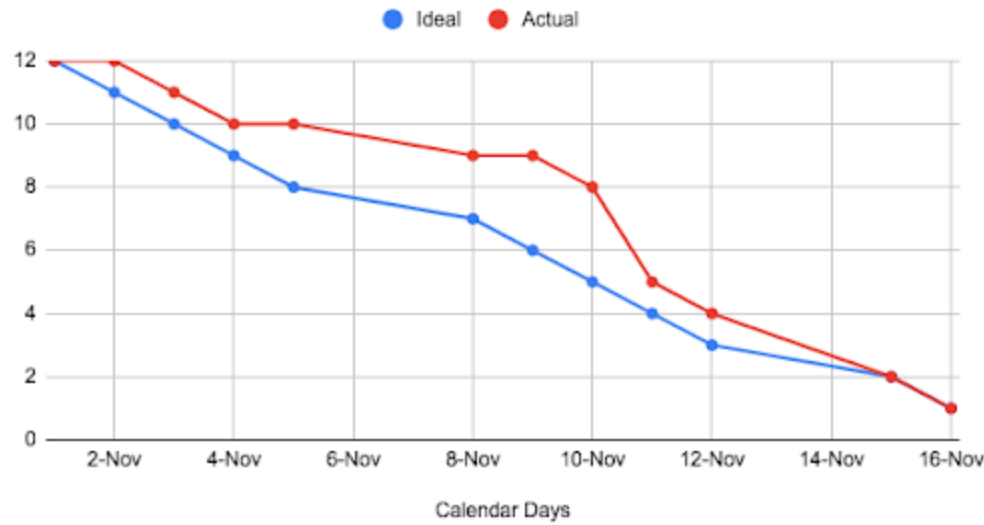
Velocity:
Imagine we have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

AV = Sprint duration / velocity = 20 / 6 = 3

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



Sprint	Functional Requirements(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.	3	High	Abirami T Afiya Fargath A
Sprint -1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Jothika M G
Sprint -1		USN-3	As a user, I can register for the application through Facebook	5	Low	Abirami T Jenifer G Jothika M G
Sprint -1		USN-4	As a user, I can register for the application through Gmail	3	Medium	Afiya fargath A Jothika M G Jenifer G
Sprint -1	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	Abirami T Jothika M G Afiya fargath A
Sprint -2	Dashboard	USN-6	Attractive dashboard For the Application	3	Medium	Abirami T Jenifer G Afiya fargath A
Sprint -2		USN-7	Profile - view & update your profile	5	Low	

Sprint -2		USN-8	Home - Analyze your Heart problem	2	High Radiation	
Sprint -2		USN-9	User fill the details to predict	7	High	Abirami T
			the disease			
Sprint -3	Support	USN-10	Get feedback from users	10	Medium	Afiya fargath A
Sprint -3		USN-11	Responds to user queries via telephone, email etc.	3	Medium	Abirami T Jenifer G
Sprint -3		USN-12	The team must respond immediately to the queries based on the priority	5	High	Jothika M G Abirami T
Sprint -4	System Requirements	USN-13	Hardware Requirement 1. Laptop or PC i5 processor system or higher 4 GB RAM or higher 128 GB ROM or higher 2. Mobile (12.0 and above)	5	Low	Jenifer G Afiya fargath A
Sprint -4		USN-14	Software Requirement 1. Laptop or PC Windows 10 or higher Android Studio	8	Medium	Abirami T Afiya Fargath A Jothika M G Jenifer G