Project Planning Phase
Sprint Delivery Plan

Team ID	PNT2022TMID21499
Project Name	Analytics for Hospitals' Health-Care Data

Product Backlog, Sprint Schedule and Estimation

Sprint	Functional Requirement (Epic)	User Stories Numbers	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Analyzing , Visualizing , and Data Preparation	USN-1	As an user, I want to visualize the hospital health care data	10	Medium	JagaGanesh D, Lokkeswaran S, Sanjay M, Velmurugan M
Sprint 1	Prediction of LOS	USN-2	As a user, I want to predict length of stay in different hospitals so that I can plan accordingly	5	High	JagaGanesh D, Lokkeswaran S, Sanjay M, Velmurugan M
Sprint 2	Doctor Login	USN-3	As a Doctor i want to login to view Patients Data	2	Easy	JagaGanesh D, Lokkeswan S
Sprint 2	Doctor Dashboard	USN-4	As a Doctor i want to see patients dashboard to take treatment to patients	5	Medium	Velmurugan M, Sanjay M
Sprint 3	Patient Login	USN-5	As a patient i want to login to see my dashboard	2	Easy	JagaGanesh D, Velmurugan M
Sprint 3	Patient Dashboard	USN-6	As a patient i want to see my medical report	5	Medium	Lokkeswaran S, Sanjay M
Sprint 4	Admin Login	USN-7	As a admin i want to login to maintain the database	2	Easy	JagaGanesh D, Sanjay M
Sprint 4	Admin Dashboard	USN-8	As a admin i want to CRUD the data	5	Medium	Velmurugan M, Lokkeswaran S

Project Tracker, Velocity and Burndown Chart

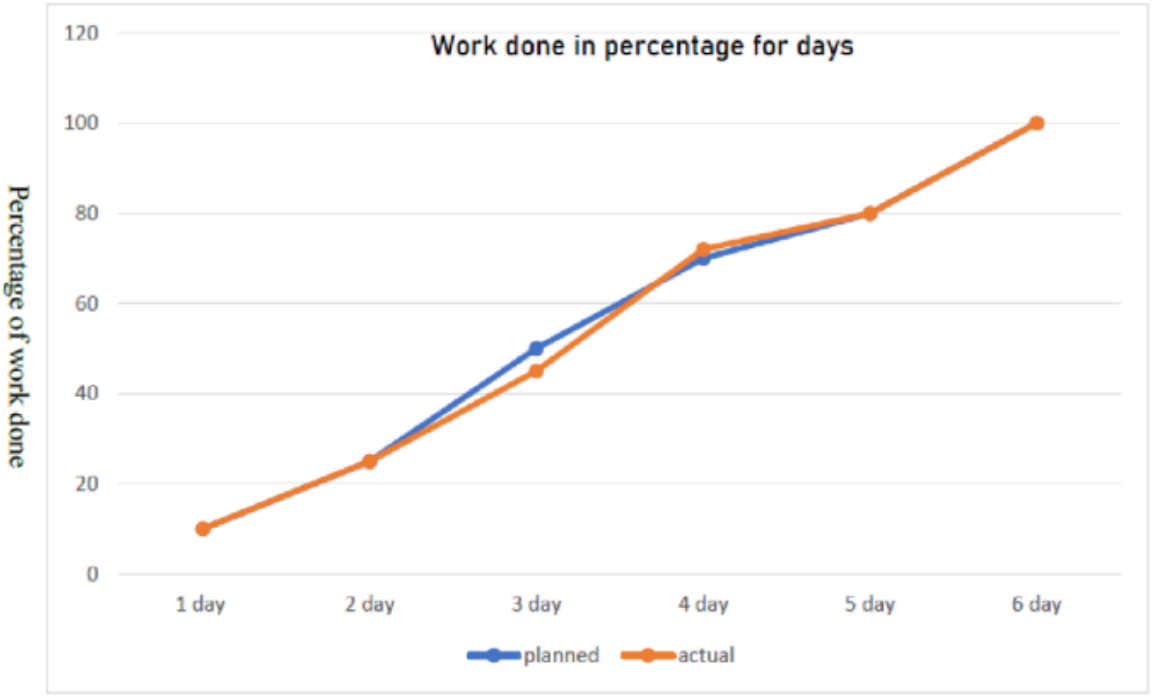
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint 1	15	6 Days	24 Oct 2022	29 Oct 2022	10	
Sprint 2	7	6 Days	31 Oct 2022	05 Nov 2022		
Sprint 3	7	6 Days	07 Nov 2022	12 Nov 2022		
Sprint 4	7	6 Days	14 Nov 2022	19 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)

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

Sprint	Total Story Points	Sprint Duration	Average Velocity
Sprint 1	15	6 Days	15 / 6 = 2.5
Sprint 2	7	6 Days	7 / 6 = 1.16
Sprint 3	7	6 Days	7 / 6 = 1.16
Sprint 4	7	6 Days	7 / 6 = 1.16

Burndown Chart : A burndown 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.



Reference :

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