

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID26935
Project Name	Analytics for Hospital's Health-Care Data
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 health care provider I can create account in IBM cloud and the data are collected.	2	High	Kothalamuthu
Sprint-2	Analyze	USN-2	As a health care provider all the data that are collected is cleaned and uploaded in the database or IBM cloud.	2	Medium	Dinu ananth
Sprint-3	Dashboard	USN-3	As a health care provider I can use my account in my dashboard for uploading dataset.	1	Medium	Shankar
Sprint-3	Visualization	USN-4	As a health care provider I can prepare data for Visualization.	1	Low	Kothalamuthu

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Visualization	USN-5	As a health care provider I can present data in my dashboard.	1	High	Anbu velan
Sprint-4	Prediction	USN-6	As a health care provider I can predict the length of stay	1	High	Dinu ananth

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

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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022

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-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

### REFERENCE:

CREATED JIRA SITE : <https://pnt2022tmid26935.atlassian.net>

	SEP	OCT	NOV	DEC	
Sprints		HHCD Sprint 1, HHCD Sprint 2, HHCD Sprint 3...			
▼ ⚡ HHCD-7 Registration HHCD-1 As a health care p... <b>DONE</b> PRABANAT...					
▼ ⚡ HHCD-8 Analyze HHCD-2 As a health... <b>IN PROGRESS</b> DINU ANA...					
▼ ⚡ HHCD-9 Dashboard HHCD-3 As a health care pr... <b>TO DO</b> 079_SHA...					
▼ ⚡ HHCD-10 Visualization HHCD-4 As a health care... <b>TO DO</b> PRABANAT... HHCD-5 As a health care pr... <b>TO DO</b> ANBU VE...					
▼ ⚡ HHCD-11 Prediction HHCD-6 As a health care p... <b>TO DO</b> DINU ANA...					





