

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID06414
Project Name	Analytics for Hospital's Health-Care Data
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

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.	20	High	2 Members
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.	20	Medium	2 Members
Sprint-3	Dashboard	USN-3	As a health care provider I can use my account in my dashboard for uploading dataset.	10	Medium	2 Members
Sprint-3	Visualization	USN-4	As a health care provider I can prepare data for Visualization.	10	High	2 Members
Sprint-4	Visualization	USN-5	As a health care provider I can present data in my dashboard.	10	High	2 Members

Sprint-4	Prediction	USN-6	As a health care provider I can predict the length of stay	10	High	2 Members
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**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-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

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

**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)

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Roadmap

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SM S RM MF

Status category ▾

	SEP	OCT	NOV	
<b>Sprints</b>				
>  HHCD-1 Registration				
>  HHCD-2 Analyze				
>  HHCD-3 Dashboard				
>  HHCD-4 Visualization				
>  HHCD-5 Visualization				
+ Create Epic				

Today Weeks Months Quarters

Hospitals' Health-Care...  
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PLANNING

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- Board

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## Backlog

SM MF RM S Epic ▾

Insights

▼ HHCD Sprint 1 Add dates (5 issues) Start sprint

HHCD-6	As a health care provider I can create account in IBM cloud and the data arecollected.	REGISTRATION	TO DO ▾	MF
HHCD-7	As a health care provider all the data thatare collected is cleaned and uploaded in the database or IBM cloud	ANALYZE	TO DO ▾	SM
HHCD-8	As a health care provider I can use my account in my dashboard for uploading dataset	DASHBOARD	TO DO ▾	RM
HHCD-9	As a health care provider I can prepare data for Visualization.	VISUALIZATION	TO DO ▾	S
HHCD-10	As a health care provider I canpresent data in my dashboard.	VISUALIZATION	TO DO ▾	SM

[+ Create issue](#)

▼ Backlog (0 issues) Create sprint