

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID22746
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	4 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	4 Members
Sprint-3	Dashboard	USN-3	As a health care provider I can use my account in my dashboard for uploading dataset.	10	Medium	4 Members
Sprint-3	Visualization	USN-4	As a health care provider I can prepare data for Visualization.	10	High	4 Members
Sprint-4	Visualization	USN-5	As a health care provider I can present data in my dashboard.	10	High	4 Members

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

Hospitals' Health-Care...
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code

Project pages

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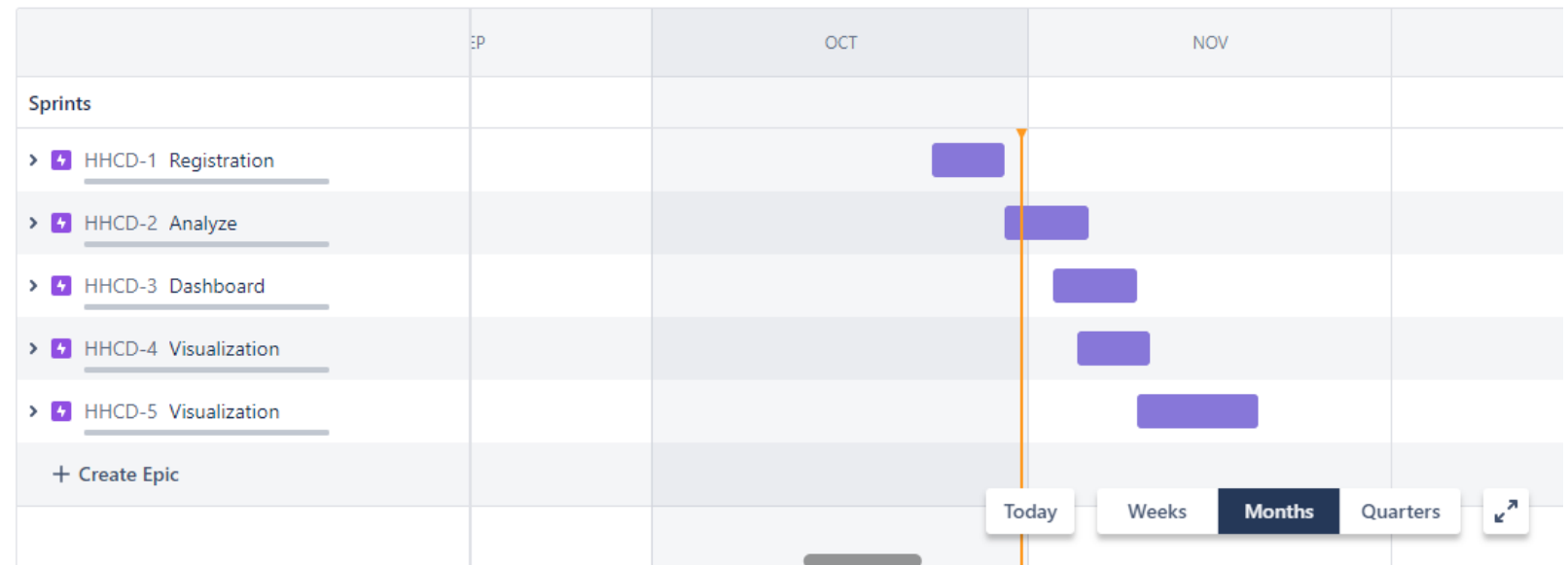
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Roadmap

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Backlog

SM MF RM S Epic v

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**