

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

Date	18 October 2022
Team ID	PNT2022 TMID2904
Project Name	Project - Health Care Data analytics
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	VTE Risk SmartForm for Data Entry	USN-1	As a Clinician, I want to review and update a VTE Risk Form so that I can determine my patient's risk of VTE (risk category), and ensure proper prophylaxis .	20	High	Kiruthika S Jyothi G Karthika K
Sprint-1	BPA to Prompt Ordering VTE Prophylaxis on Admission	USN-2	As an Inpatient MD/APP, I want to be prompted to Order VTE prophylaxis on admission (if not done	10	High	Jyothi G Deepa sree A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			through an Admission Order Set), so that I remember to place my patient on VTE prophylaxis			
Sprint-2	VTE Prophylaxis Dynamic Order Group in Admit Order Sets	USN-3	As an Inpatient MD/APP, I want to view only risk-appropriate VTE Prophylaxis options in Admission Order Sets so that I can ensure my patient is getting optimal VTE prophylaxis.	20	High	Karthika K Kiruthika S
Sprint-1		USN-4	As a user, I access the data in visualize mode	20	Medium	Deepa Sree A Kiruthika S
Sprint-1	Dashboard	USN-5	As a user, I can access the data from queries,graph,pie chart	10	High	Jyothi G Karthika K
			Get the older information from the hospitals	20	High	Kiruthika S Jyothi G
			Have data in graph modes	10	Medium	Deepa Sree A Karthika K

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

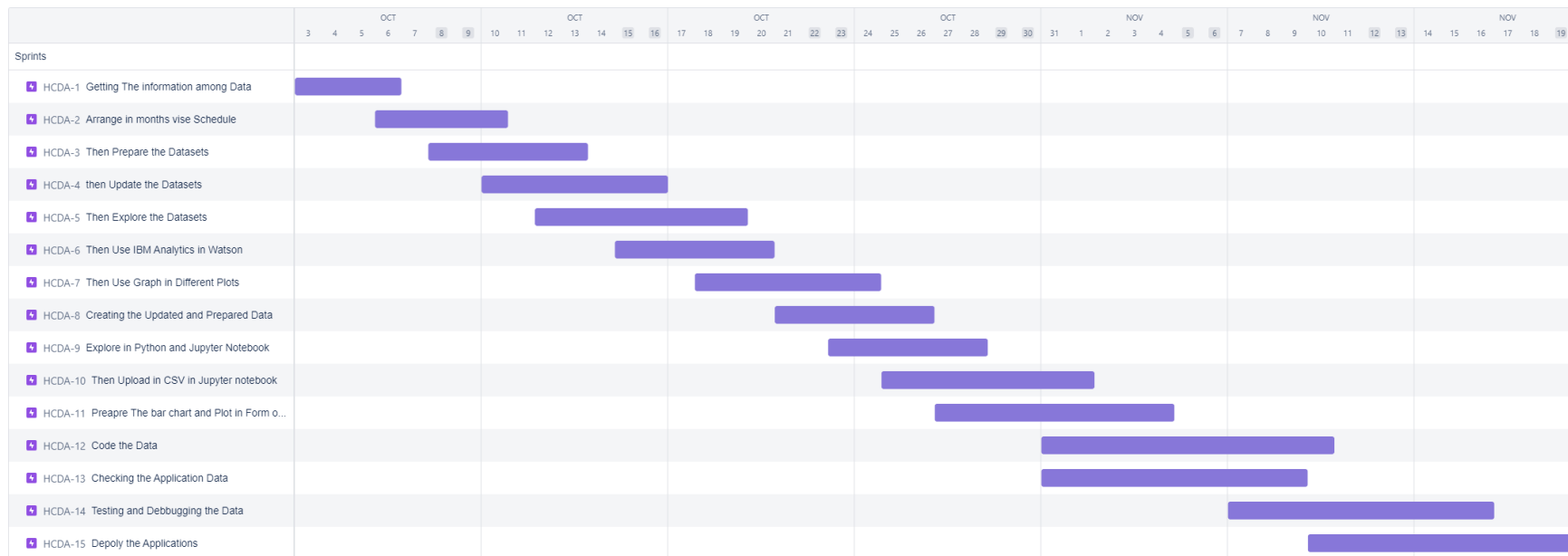
Velocity:

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)

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

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.



<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://jyothiganeshyadav.atlassian.net/jira/software/projects/HCDA/boards/1/roadmap?timeline=WEEKS>

<https://jyothiganeshyadav.atlassian.net/jira/software/projects/HCDA/boards/1/roadmap?timeline=WEEKS&shared=&atlOrigin=eyJpIjojY2NkZTk5NGQ5MDAzNDU0Y2FmMTIjNmVmMTc1YTc3YmUiLCJwIjoiajI9>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>