

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID15475`
Project Name	Project - Detecting Parkinson's Disease using Machine Learning
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 user, I can register for the application by entering my email, password, and confirming my password.	2	High	HariHaran S Kesavan S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Megha K Lalithaa Shree R
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Kesavan S Lalithaa Shree R
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	HariHaran S Megha K
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Megha K Kesavan S
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Lalithaa Shree R HariHaran S
Sprint-1	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	HariHaran S Kesavan S

Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Megha K Lalithaa Shree R
<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Kesavan S Lalithaa shree R
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Megha K Hariharan S
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Lalithaa Shree R, Hariharan S
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Megha K, Kesavan S

#### 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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

$$AV \text{ (Sprint 1)} = 7/6 = 1$$

$$AV \text{ (Sprint 2)} = 4/6 = 1$$

$$AV \text{ (Sprint 3)} = 6/6 = 1$$

$$AV \text{ (Sprint 4)} = 2/6 = 1$$

$$AV \text{ (Total )} = 21/24 = 1$$

**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.



Detect parkinson's dis...  
Software project

## PLANNING



Roadmap



Backlog



Board

## DEVELOPMENT



Code



Project pages



Add shortcut



Project settings

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## All sprints



Complete sprint



Sprint 4 ▾

Clear filters

GROUP BY

None ▾

Insights

## TO DO 12 OF 12 ISSUES

my password.



TITLE-5

2

As a user, I will receive  
confirmation email once I have  
registered for the application



TITLE-6

1

As a user, I can log into the  
application by entering email &  
password



TITLE-9

1

## IN PROGRESS

## DONE

0% 0% 100%

## Sprint burndown

BETA ? ▾

0 points done, 9 points to go

Heads up



## Epic progress