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

Date	18 October 2022
Team ID	PNT2022TMID23224
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	DineshKumar P Kishore Kumar R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Krithik Deivarajan V Darshan Ajit K R
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	DineshKumar P Kishore Kumar R
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Krithik Deivarajan V Darshan Ajit K R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	DineshKumar P Kishore Kumar R
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Krithik Deivarajan V Darshan Ajit K R
Sprint-1	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	DineshKumar P Kishore Kumar R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Krithik Deivarajan V Darshan Ajit K R
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	DineshKumar P Kishore Kumar R
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Krithik Deivarajan V Darshan Ajit K R
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	DineshKumar P Kishore Kumar R
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Krithik Deivarajan V Darshan Ajit K R

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)

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

AV (Sprint 1) = 7/6 = 1

AV (Sprint 2) = 4/6 = 1

AV (Sprint 3) = 6/6 = 1

AV (Sprint 4) = 2/6 = 1

AV (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.

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Projects / Detect parkinson's disease using Machine Learning

All sprints

Complete sprint   ...

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TO DO 12 OF 12 ISSUES	IN PROGRESS	DONE

0% 0%   100%

email, password, and confirming
my password.

📗 TITLE-5   2

Sprint burndown   BETA ❓ ∨

0 points done, 9 points to go   ⚠️ Heads up

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

📗 TITLE-6   1

100%
80%
60%
40%
20%
0%
Oct 20   Oct 29
● Remaining work   ● Guideline

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

📗 TITLE-9   1

Epic progress

💡 **Quickstart** ✕

PLANNING

🔳 Roadmap
🗄 Backlog
▥ Board

DEVELOPMENT

</> Code

📄 Project pages
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