

Project Planning Phase

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

Date	20 October 2023
Team ID	Team-593012
Project Name	Project- Alzheimer Disease Prediction

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team members
Sprint-1	Website	USN-1	As a user,I need a website where I can view the different information available about the service	3	High	Ashish Benny
Sprint-1	Website	USN-2	As a user, I can check alzheimer Progression of my disease on the WebApp	2	High	Ashish Benny
Sprint-2	Website	USN-3	As a user, I can get the recommended course of Action for the disease	2	Medium	Ashish Benny
Sprint-3	WebSite Design	USN-4	As a user, I can view about Us page about the service	1	Low	Ashish Benny

Sprint-3	WebSite Design	USN-5	As a User, I can view images and video about the alzheimer disease to know more about the disease	2	Low	Ashish Benny
Sprint-3	Expert assistance	USN-6	As a user, I get enough information and detailing on the Alzheimer prediction tool to help in providing assistance and clearing doubts of patients and their family seeking help	3	High	Sidharth Dinesh
Sprint-3	Seamless Communication	USN-7	As a user, I need an efficient contact system comprising of phone calls as well as emails, avoiding excessive load for smooth and consistent communication and ensuring prompt responses	2	High	Sidharth Dinesh
Sprint-3	Outreach to customers	USN-8	As a user, I need to be able to proactively be able to contact customers and give them updates regarding developments or results	1	Medium	Sidharth Dinesh
Sprint 2	Model Creation	USN-9	As a user, I have to download the dataset and perform data preprocessing on it.	2	High	Angad Singh
Sprint 2	Model Creation	USN-10	As a user, I have to create a model, and train it on the preprocessed dataset.	3	High	Angad Singh
Sprint 2	Model Creation	USN-11	As a user, I have to save the successfully	1	High	Angad Singh

			trained model for future use.			
Sprint 2	Flask Framework	USN-12	As a user, I have to create a flask file for routing of web pages.	2	High	Angad Singh

Project Tracker, Velocity & Burndown Chart:

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	5	2 Days	30 Oct 2023	31 Oct 2023	5	31 Oct 2023
Sprint-2	10	3 Days	01 Nov 2023	03 Nov 2023	15	03 Nov 2023
Sprint-3	9	3 Days	04 Nov 2022	06 Nov 2023	24	06 Nov 2023

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)

$$V1(\text{Sprint 1}) = 2 / 5 = 0.40$$

$$V2(\text{Sprint 2}) = 3 / 10 = 0.30$$

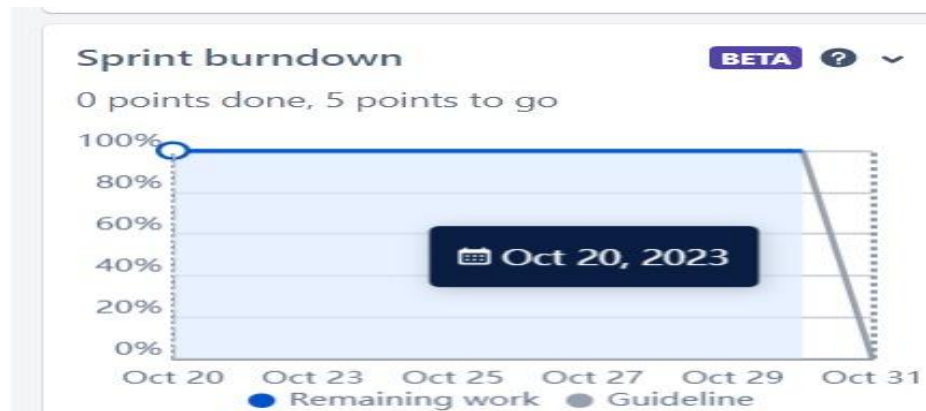
$$V3(\text{Sprint 3}) = 3 / 9 = 0.33$$

Total Sprint Duration = 8 days

Total Velocity = 24 points

Average Velocity (AV) = Sprint Duration / Velocity = $(2+3+3) / (5+10+9) = 8 / 24 = 0.33$

Burndown Chart:



Board:

Jira Software

Your work

Projects

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Dashboards

Teams

Apps

Create

Search

9+

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Alzheimers-Prediction_...

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WebApp SP1

To create a basic website up and running

Epic

GROUP BY

None

Import work

Insights

TO DO 2

As a user,I need a website where I can view the different information available about the service

WEBSITE

APS-8

3

As a user, I can check alzheimer Progression of my disease on the WebApp

WEBSITE

APS-16

2

IN PROGRESS

DONE ✓

+

⚡

☆

🕒 7 days remaining

Complete sprint

⋮

S

Backlog

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AS

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Epic

Import work

Insights

Epic

Issues without epic

Website

website Design

Expert assistance

Seamless Communication

Outreach to customers

Model Creation

Flask Framework

Create epic

WebApp SP1 30 Oct – 31 Oct (2 issues)

To create a basic website up and running

APS-8 As a user,I need a website where I can view the different information available about the ser... WEBSITE TO DO 3

APS-16 As a user, I can check alzheimer Progression of my disease on the WebApp WEBSITE TO DO 2

Create issue

2 issues | Estimate: 5

Customer Feature, Backend SP2 1 Nov – 3 Nov (5 issues)

The goal of this sprint a CRM feature of the website and the Model Building part . After this sprint the functionality of the website to predict will be available

APS-11 As a user, I can get the recommended course of Action for the disease WEBSITE TO DO 2

APS-13 As a user, I have to download the dataset and perform data preprocessing on it. MODEL CREATION TO DO 2 AS


APS-15 As a user, I have to create a model, and train it on the preprocessed dataset. MODEL CREATION TO DO 3 AS

APS-18 As a user, I have to save the successfully trained model for future use. MODEL CREATION TO DO 1 AS

APS-19 As a user, I have to create a flask file for routing of web pages. FLASK FRAMEWORK TO DO 2 AS

Create issue

5 issues | Estimate: 10

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Create epic

APS-11 As a user, I can get the recommended course of Action for the disease

WEBSITE

TO DO

2

APS-13 As a user, I have to download the dataset and perform data preprocessing on it.

MODEL CREATION

TO DO

2

AS

APS-15 As a user, I have to create a model, and train it on the preprocessed dataset.

MODEL CREATION

TO DO

3

AS

APS-18 As a user, I have to save the successfully trained model for future use.

MODEL CREATION

TO DO

1

AS

APS-19 As a user, I have to create a flask file for routing of web pages.

FLASK FRAMEWORK

TO DO

2

AS

Create issue

5 issues | Estimate: 10

WebApp SP3 4 Nov – 6 Nov (5 issues)

9 0 0

Start sprint

The goal of this sprint is to create a working customer support for our website and polishing the frontend of our website.

APS-14 As a user, I can view about Us page about the service

WEBSITE DESIGN

TO DO

1

APS-20 As a User, I can view images and video about the alzheimer disease to know more ...

WEBSITE DESIGN

TO DO

2

APS-17 As a user, I get enough information and detailing on the Alzheimer prediction to...

EXPERT ASSISTANCE

TO DO

3

SD

APS-22 As a user, I need an efficient contact system comprising of phone calls as...

SEAMLESS COMMUNICATION

TO DO

2

SD

APS-27 As a user, I need to be able to proactively be able to contact customers an...


OUTREACH TO CUSTOMERS

TO DO

1

SD

Create issue




Alzheimer's-Prediction...


Software project


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UPGRADE

PLANNING


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 Backlog


 Board


 Add view

DEVELOPMENT

 Code

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Timeline

Status category
Epic

	OCT							NOV							NOV		
	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9
Sprints								WebApp ... Customer Featur... WebApp SP3									
> APS-1 Website																	
> APS-2 website Design																	
> APS-3 Expert assistance																	
> APS-4 Seamless Communication																	
> APS-5 Outreach to customers																	
> APS-6 Model Creation																	
> APS-7 Flask Framework																	
+ Create Epic																	