

Project Planning Phase

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

Date	08 November 2022
Team ID	PNT2022TMID13109
Project Name	Emerging Methods For Early Detection of Forest Fires.
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 an user, I can register for the application by entering my email, password, and confirming my password.	2	High	Shobika R
Sprint-1	User Confirmation	USN-2	As an user, I will receive confirmation email once I have registered for the application	1	Medium	Shobika R
Sprint-1	Login	USN-3	As an user, I can log into the application by entering email & password	2	High	Shobika R
Sprint-2	Data Collection	USN-1	Download the dataset used in Digital Naturalist – AI Enabled tools for Biodiversity Researchers	2	High	Roshini R

Sprint-2	Image Preprocessing	USN-1	Improving the image data that suppresses unwilling distortions or enhances some image features important for further processing, although performing some geometric transformations of images like rotation, scaling, etc.	1	High	Roshini R
Sprint-3	Getting started with Convolutional Neural Network	USN-1	Neural network are integral for teaching computers to think and learn by classifying information, similar to how we as humans learn. With neural networks, the software can learn to recognize images, for example. Machines can also make predictions and decisions with a high level of accuracy based on data inputs.	2	High	Priya S
Sprint-3	Evaluation and model saving	USN-1	well a model behaves after each iteration of optimization. An accuracy metric is used to measure the algorithm's performance in an interpretable way. The accuracy of a model is usually determined after the model parameters and is calculated in the form of a percentage. Saving The Model <code>get_weights</code> , <code>set_weights</code> .	1	Medium	Priya S Athira S R
Sprint-4	Application Building	USN-2	After the model is built, we will be integrating it to a web application so that normal users can also use it. The users need to give the images of species	1	High	Priya S
Sprint-4	Train the Model on IBM	USN-3	Build Deep learning model and computer vision Using the IBM cloud.	2	High	Priya 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	20	4 Days	29 Oct 2022	02 Nov 2022	20	05 Nov 2022
Sprint-2	20	5 Days	30 Oct 2022	04 Nov 2022	20	06 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	06 Nov 2022	20	10 Nov 2022
Sprint-4	20	9 Days	14 Nov 2022	16 Nov 2022	20	11 Nov 2022

