

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

TEAM I'D	PNT2022TMID42101
DATE	19 NOVEMBER 2022
PROJECT NAME	EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRES
MAXIMUM MARKS	8 MARKS

### **SPRINT PLANNING & ESTIMATION:**

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

<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-1	Download data set	USN-1	The data is downloaded from the Kaggle website and then the data set is classified into training and testing images.	5	High	S.Mohanapriya R.Abirami K.Kalpana S.Nanthini
Sprint-2	Image preprocessing	USN-2	In Image processing technique the first step is usually importing the libraries that will be needed  In the program. Import Keras library from that library and import the ImageDataGenerator Library to your Python script.	10	Medium	S.Mohanapriya R.Abirami K.Kalpana S.Nanthini

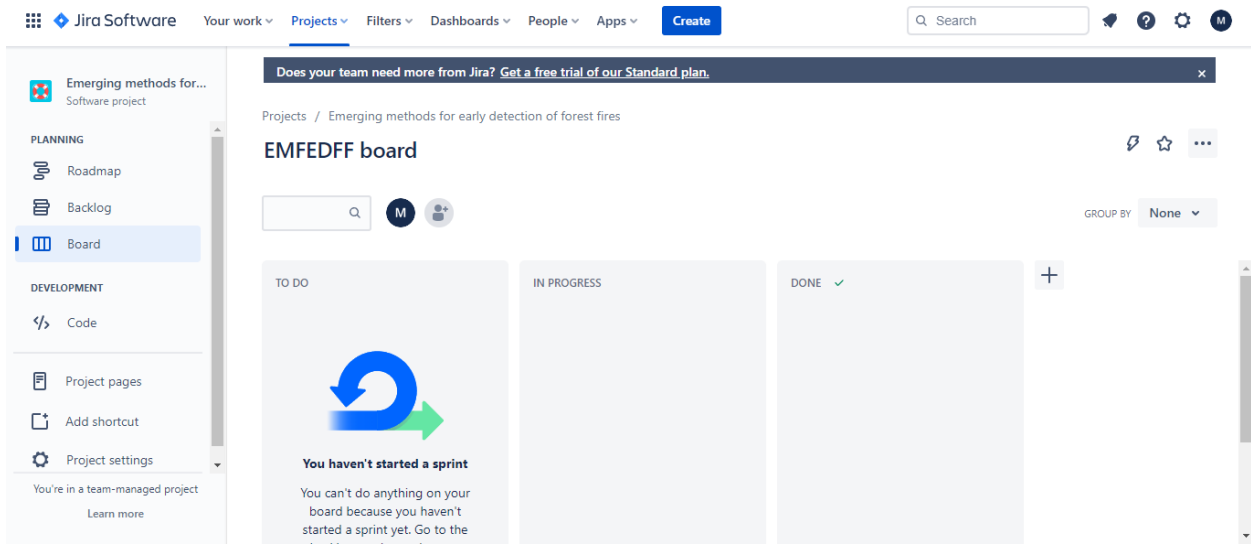
			The next step is defining the arguments for the ImageDataGenerator And next step is applying the ImageDataGenerator arguments to the train and test dataset.			
Sprint-3	Training image	USN-3	In this training phase the ImageDataGenerator arguments is applied to the training images and the model is tested with several images and the model is saved.	5	High	S.Mohanapriya R.Abirami K.Kalpana S.Nanthini
Sprint-4	Testing Image, Evaluation metrics and accuracy	USN-4	In this testing phase the Image processing techniques is applied to the testing images and executed for prediction. In this phase the result, prediction, accuracy, and performance of the project are tested.	5	High	S.Mohanapriya R.Abirami K.Kalpana S.Nanthini

### SPRINT DELIVERY SCHEDULE:

#### 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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

SCREENSHOT:



ROADMAP:

