

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

Date	22 October 2022
Team ID	PNT2022TMID41036
Project Name	Real-Time Communication System Powered by AI for Specially Abled
MaximumMarks	8 Marks

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

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 enroll for the application by entering my email, password and confirming my password.	5	High	Thanga pandi Elakkiya Ajithakumari Hariharan
	Login	USN-2	As a user , I can log into the application by entering email and password	5	High	Thanga pandi Elakkiya Ajithakumari Hariharan
	Data Collection	USN-3	Colleting a dataset	5	High	Thanga pandi Elakkiya Ajithakumari Hariharan
	Image preprocessing	USN-4	Perform pre-processing techniques on the dataset	5	High	Thanga pandi Elakkiya Ajithakumari Hariharan
Sprint-2	Model Building	USN-5	Model initialization With required layers	10	High	Thanga pandi Elakkiya Ajithakumari Hariharan

	Training	USN-6	Training the image classification model by using CNN.	10	Medium	Thanga pandi Elakkiya Ajithakumari Hariharan
Sprint-3	Testing	USN-7	Testing the model's performance.	20	High	Thanga pandi Elakkiya Ajithakumari Hariharan
Sprint-4	Deployment of model in web/app	USN-8	Converting a text to speech API	20	Medium	Thanga pandi Elakkiya Ajithakumari Hariharan

Project Tracker, velocity & Burndown Chat (4 Mark)

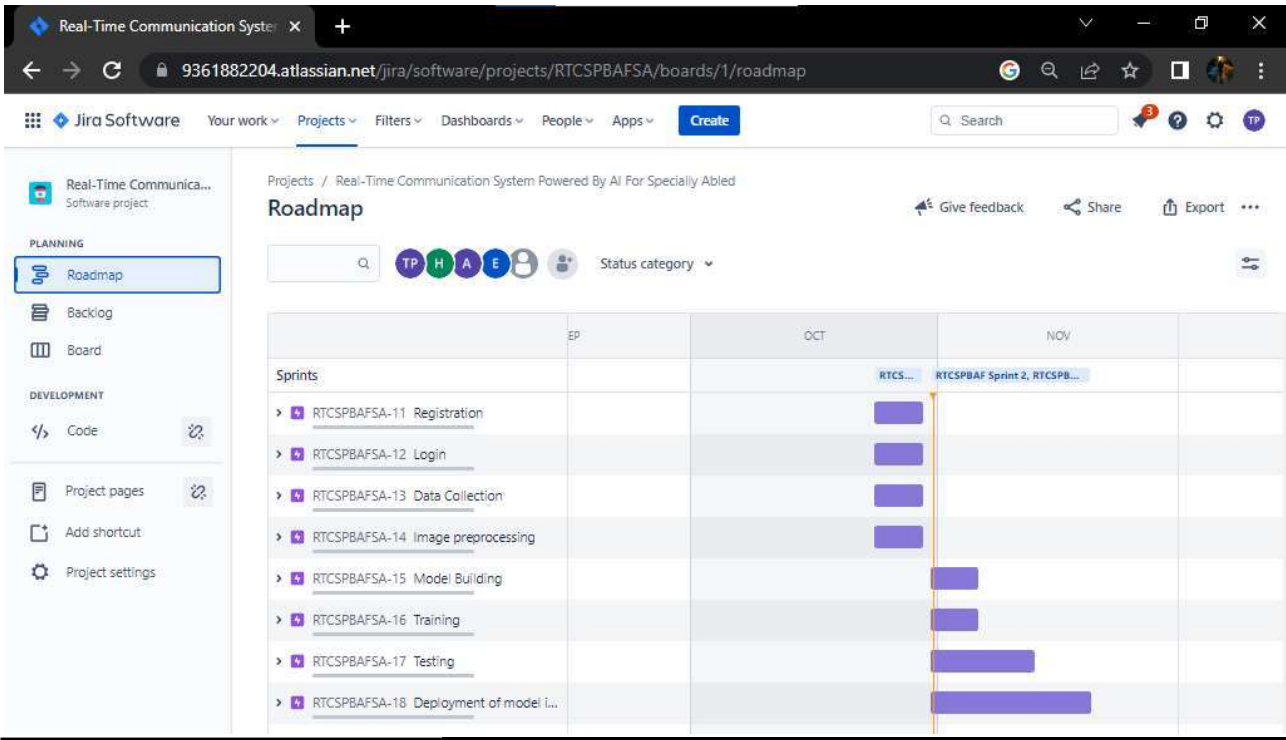
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity}$$

Average Velocity = 6/20 = 3.3

JIRA Software:



Real-Time Communication System

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Backlog

TP H E A

Epic

Insights

▼ RTCSPBAF Sprint 1 24 Oct – 29 Oct (4 issues)

20 0 0 Complete sprint

RTCSPBAFSA-1 As a user ,I can enroll for the application by entering my email, password and confirming my... REGISTRATION S TO DO H

RTCSPBAFSA-2 As a user , I can log into the application by entering email and password LOGIN S TO DO E

RTCSPBAFSA-3 Colleting a dataset DATA COLLECTION S TO DO TP

RTCSPBAFSA-4 Perform pre-processing techniques on the dataset IMAGE PREPROCESSING S TO DO A

+ Create issue

▼ RTCSPBAF Sprint 2 31 Oct – 5 Nov (2 issues)

20 0 0 Complete sprint

RTCSPBAFSA-5 Model Initialization With required layers MODEL BUILDING 10 TO DO TP

RTCSPBAFSA-6 Training the image classification model by using CNN. TRAINING 10 TO DO H

RTCSPBAFSA board - Agile board

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All sprints

TPHEA

Epic

Sprint

GROUP BYNoneInsights

TO DO 8 ISSUES

As a user ,I can enroll for the application by entering my email, password and confirming my password.
REGISTRATION
RTCSPBAFSA-1

As a user , I can log into the application by entering email and password
LOGIN
RTCSPBAFSA-2

Colleting a dataset
DATA COLLECTION
RTCSPBAFSA-3

IN PROGRESS

IN REVIEW

DONE