

Initial Project Planning Template


Date	8 July 2024
Team ID	SWTID1720078167
Project Name	Rice Type Classification using CNN
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint-1	Data collection	RTCC-2	Download the Dataset	2	High	Ambuj	2024/07/08	2024/07/12
Sprint-1	Data collection	RTCC-3	Splitting the Data on Classes	2	Medium	Ambuj	2024/07/08	2024/07/12
Sprint-2	Image Preprocessing	RTCC-5	Importing the libraries	1	High	Khushi	2024/07/08	2024/07/12
Sprint-2	Image Preprocessing	RTCC-6	Changing the size of the images	2	Medium	Khushi	2024/07/08	2024/07/12
Sprint-2	Image Preprocessing	RTCC-7	Link images to different classes	1	High	Khushi	2024/07/08	2024/07/12
Sprint-2	Image Preprocessing	RTCC-8	Splitting the Data in Train set, Validation and Test set	2	Medium	Khushi	2024/07/08	2024/07/12
Sprint-2	Image Preprocessing	RTCC-9	Preview of images	1	Medium	Khushi	2024/07/08	2024/07/12

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Building	RTCC-11	Pre-trained CNN model as a Feature Extractor	2	High	Dipangshu	2024/07/08	2024/07/12
Sprint-3	Model Building	RTCC-12	Adding Dense layer	2	Medium	Dipangshu	2024/07/08	2024/07/12
Sprint-3	Model Building	RTCC-13	Configure the learning process	1	Medium	Dipangshu	2024/07/08	2024/07/12
Sprint-3	Model Building	RTCC-14	Train the model	2	High	Dipangshu	2024/07/08	2024/07/12
Sprint-3	Model Building	RTCC-15	Test the model	2	Medium	Dipangshu	2024/07/08	2024/07/12
Sprint-3	Model Building	RTCC-16	Visualizing accuracy and loss	1	Medium	Dipangshu	2024/07/08	2024/07/12
Sprint-4	Application Building	RTCC-19	Build Python Code	2	High	Samarth	2024/07/08	2024/07/12
Sprint-4	Application Building	RTCC-18	Building Html pages	2	Medium	Samarth	2024/07/08	2024/07/12
Sprint-4	Application Building	RTCC-20	Run the Application	1	High	Samarth	2024/07/08	2024/07/12

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☐ ▾ **RTCC Sprint 1(Ambuj Mishra)** 8 Jul – 12 Jul (2 issues)











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 Complete sprint
 

 RTCC-2	Download the Dataset	DATA COLLECTION	DONE ▾	-	
 RTCC-3	Spitting the Data on Classes	DATA COLLECTION	DONE ▾	-	

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☐ ▾ **RTCC Sprint 2(Khushi Seth)** 8 Jul – 12 Jul (5 issues)

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 Complete sprint
 

 RTCC-5	Importing the libraries	IMAGE PREPROCESSI...	DONE ▾	-	
 RTCC-6	Changing the size of the Images	IMAGE PREPROCESSI...	DONE ▾	-	
 RTCC-7	Link Images to different Classes	IMAGE PREPROCESSI...	DONE ▾	-	
 RTCC-8	Splitting the Data in Train Set, Validation and Test Set	IMAGE PREPROCESSI...	DONE ▾	-	
 RTCC-9	Preview of Images	IMAGE PREPROCESSI...	DONE ▾	-	

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☐ ▾ **RTCC Sprint 3(Dipangshu)** 8 Jul – 12 Jul (6 issues)

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Complete sprint



 RTCC-11	Pre-Trained CNN Model as a Feature Extractor	MODEL BUILDING	DONE ▾	-	
 RTCC-12	Adding Dense layer	MODEL BUILDING	DONE ▾	-	
 RTCC-13	Configure the learning process	MODEL BUILDING	DONE ▾	-	
 RTCC-14	Train the Model	MODEL BUILDING	DONE ▾	-	
 RTCC-15	Test the Model	MODEL BUILDING	DONE ▾	-	
 RTCC-16	Visualizing accuracy and loss	MODEL BUILDING	DONE ▾	-	







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☐ ▾ **RTCC Sprint 4(Samarth)** 8 Jul – 12 Jul (3 issues)

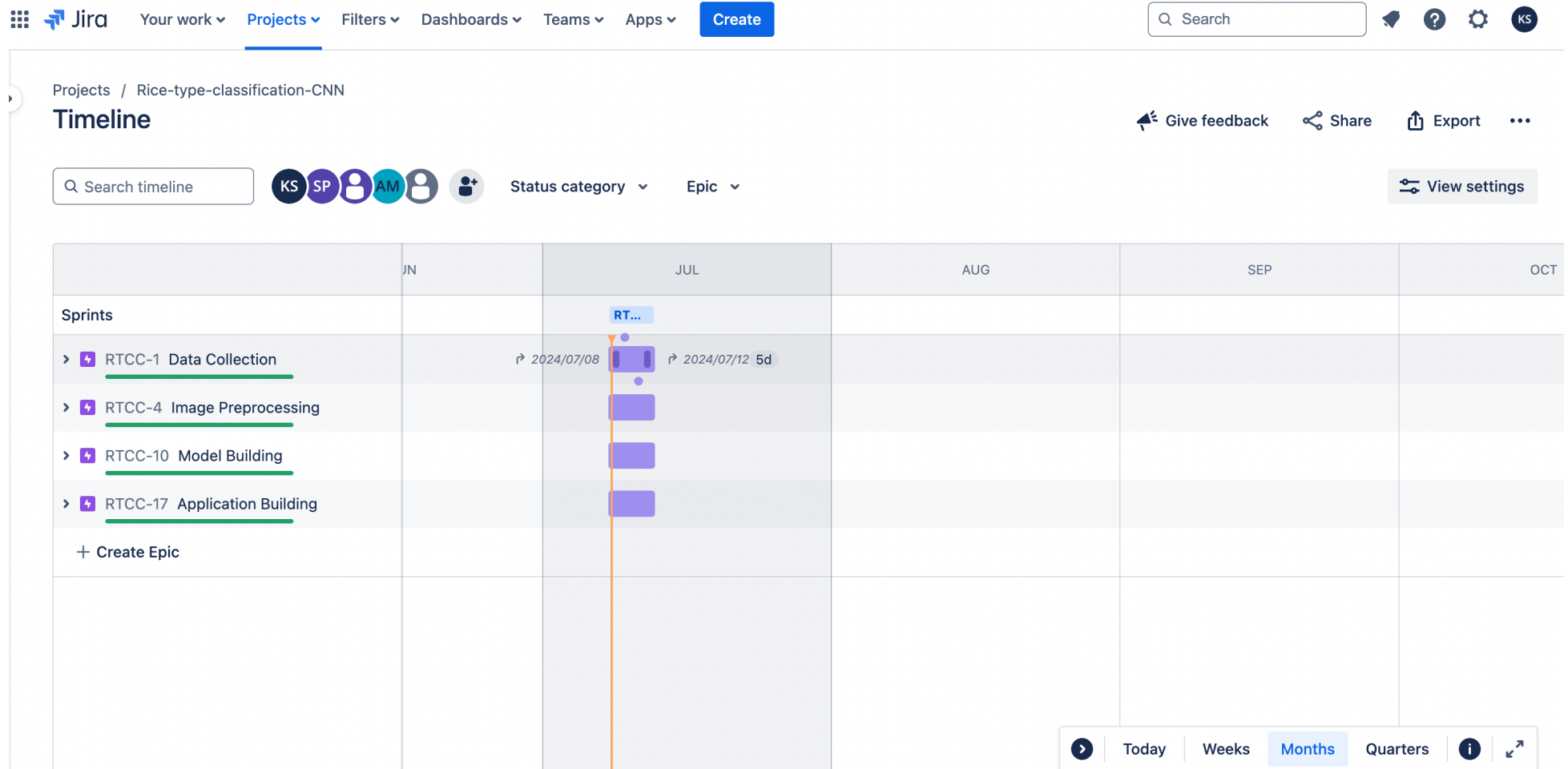
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Complete sprint




 RTCC-19	Build Python Code	APPLICATION BUILDI...	DONE ▾	-	
 RTCC-18	Building Html pages	APPLICATION BUILDI...	DONE ▾	-	
 RTCC-20	Run the Application	APPLICATION BUILDI...	DONE ▾	-	

TIMELINE(JIRA):



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TO DO


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IN PROGRESS

DONE 8 OF 16 ✓


Importing the libraries

IMAGE PREPROCESSING

 RTGG-5 ✓ KS


Changing the size of the Images

IMAGE PREPROCESSING

 RTGG-6 ✓ KS

Link Images to different Classes

IMAGE PREPROCESSING

 RTGG-7 ✓ KS

Splitting the Data in Train Set, Validation and Test Set

IMAGE PREPROCESSING