

Initial Project Planning Template

Date	05 JULY 2024
Team ID	SWTID1720110768
Project Name	CovidVision: Advanced COVID-19 Detection from Lung X-rays with Deep Learning
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Project Initialization	EC-2	Define Problem and Specify Business Requirements	2	High	Kolla Harshitha	04/07/2024	08/07/2024
Sprint-1	Project Initialization	EC-3	Social or Business Impact	1	low	Kalluri Bavigadda Ahamadia Suha	04/07/2024	08/07/2024
Sprint-1	Project Initialization	EC-4	Proposed Solution	2	Medium	Kolla Harshitha	04/07/2024	08/07/2024
Sprint-2	Data Collection and Preprocessing	EC-6	Collect the Dataset	2	low	Kalluri Bavigadda Ahamadia Suha	05/07/2024	09/07/2024
Sprint-2	Data Collection and Preprocessing	EC-7	Load the Data and Handle null values	2	Medium	Arumulla Sumanjali	05/07/2024	09/07/2024

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Sprint-2	Data Collection and Preprocessing	EC-8	Data Transformation	2	High	Kalluri Bavigadda Ahamadia Suha	05/07/2024	09/07/2024
Sprint-2	Data Collection and Preprocessing	EC-9	Feature Engineering	1	Medium	Kalluri Bavigadda Ahamadia Suha	05/07/2024	09/07/2024
Sprint-3	Exploratory Data Analysis	EC-11	Descriptive Statistics	1	Medium	Dasari Sasi Priya	06/07/2024	09/07/2024
Sprint-3	Exploratory Data Analysis	EC-12	Visual Analysis	2	Medium	Dasari Sasi Priya	06/07/2024	09/07/2024
Sprint-4	Model Development	EC-14	Split the data and Train the Model with Multiple Algorithms	2	High	Kolla Harshitha	07/07/2024	10/07/2024
Sprint-4	Model Development	EC-15	Evaluation of Model Performance	1	Medium	Arumulla Sumanjali	07/07/2024	10/07/2024
Sprint-5	Model Optimization and Tuning	EC-16	Hyperparameter Tuning	2	High	Kolla Harshitha	07/07/2024	10/07/2024
Sprint-5	Model Optimization and Tuning	EC-18	Model Testing	2	Medium	Arumulla Sumanjali	07/07/2024	10/07/2024
Sprint-6	Model Deployment	EC-20	Development of HTML Pages	2	Medium	Arumulla Sumanjali	08/07/2024	11/07/2024
Sprint-6	Model Deployment	EC-22	Integration of Model with Web Framework	2	High	Dasari Sasi Priya	08/07/2024	11/07/2024
Sprint-7	Project Report	EC-23	Completion of Project Report	2	Medium	Dasari Sasi Priya	05/07/2024	11/07/2024

Sprint-1:

DATA COLLECTION			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div><div>TSK-49669</div><div>S</div><div>KH</div><div>KB</div><div>SP</div><div>Download The Dataset</div><div>Progress(%): 90</div><div>Comment</div></div> <div><div>TSK-49670</div><div>S</div><div>KH</div><div>KB</div><div>SP</div><div>Create Training And Testing Dataset</div><div>Progress(%): 90</div><div>Comment</div></div>	

Sprint-2 and Sprint-3:

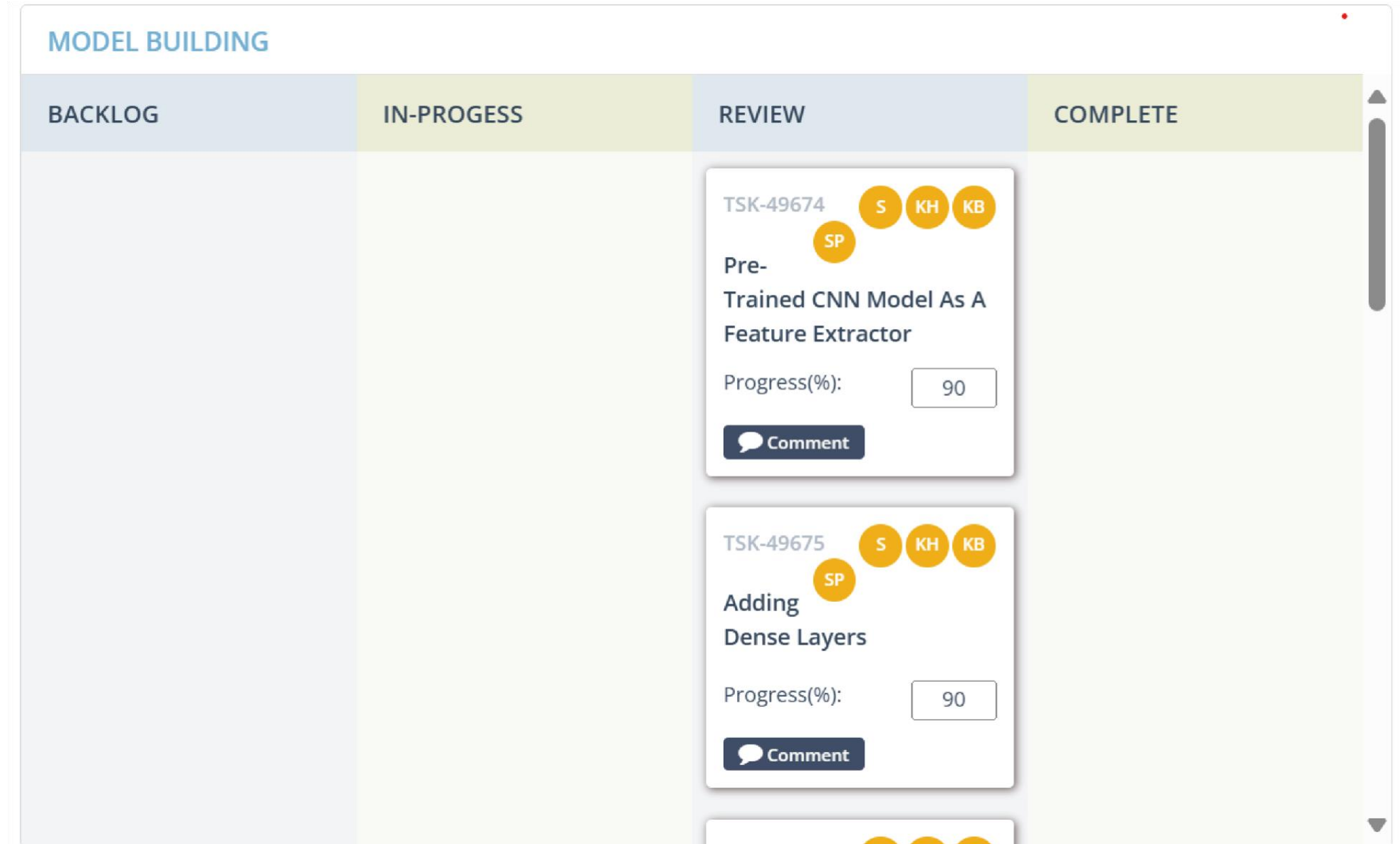
IMAGE PREPROCESSING

BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div> <div>TSK-49671</div> <div> <div>SP</div> <div>S</div> <div>KH</div> <div>KB</div> </div> <div>Importing The Libraries</div> <div>Progress(%): 90</div> <div>Comment</div> </div> <div> <div>TSK-49672</div> <div> <div>SP</div> <div>S</div> <div>KH</div> <div>KB</div> </div> <div>Configure ImageDataGenerator Class</div> <div>Progress(%): 90</div> <div>Comment</div> </div>	

IMAGE PREPROCESSING


		<div> <div>TSK-49673</div> <div> <div>SP</div> <div>S</div> <div>KH</div> <div>KB</div> </div> <div>Apply ImageDataGenerator Functionality To Train Set And Test Set</div> <div>Progress(%): 90</div> <div>Comment</div> </div>	
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Sprint-4 and Sprint-5:




Sprint-6 and Sprint-7:




MODEL BUILDING


Adding 

Dense Layers


Progress(%):

 Comment



TSK-49676   

 Train
The Model

Progress(%):

 Comment

APPLICATION BUILDING

BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div data-bbox="1131 427 1630 702"><p>TSK-49678 SP S KH KB</p><p>Build Python Code</p><p>Progress(%): <input type="text" value="90"/></p><p> Comment</p></div> <div data-bbox="1131 730 1630 1005"><p>TSK-49677 SP S KH KB</p><p>Building Html Pages</p><p>Progress(%): <input type="text" value="90"/></p><p> Comment</p></div> <div data-bbox="1131 1034 1630 1069"><p>TSK-49679 SP S KH KB</p></div>	

APPLICATION BUILDING

Building HTML Pages

Progress(%):

90

 Comment

TSK-49679

SP S K34 KB

Run The Application

Progress(%):

90

 Comment