

Project Initialization and Planning Phase

Date	14-06-2025
Team ID	SWTID1749820017
Project Name	Dog Breed Identification using Transfer Learning
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preprocessing	DV-1	Collect dog breed image dataset	High	Hiritish Chidambaram N C Anirudh Swaroop Bhowmik Dipanjana Choudhury	2024/03/15	2024/03/22
Sprint-1	Data Collection and Preprocessing	DV-2	Clean and organize dataset	High	Hiritish Chidambaram N C Anirudh Swaroop Bhowmik Dipanjana Choudhury	2024/03/15	2024/03/22
Sprint-1	Data Collection and	DV-3	Perform EDA (visualizations, balance check)	Medium	Hiritish Chidambaram N C Anirudh	2024/03/15	2024/03/22

	Preprocessing						
Sprint-2	Model Development	DV-4	Build CNN model architecture	High	Hiritish Chidambaram N C Anirudh	2024/03/22	2024/03/29
Sprint-2	Model Development	DV-5	Train the model on dataset	Medium	Hiritish Chidambaram N C Anirudh	2024/03/22	2024/03/29
Sprint-2	Model Tuning and Evaluation	DV-6	Hyperparameter tuning	High	Hiritish Chidambaram N C Anirudh	2024/03/22	2024/03/29
Sprint-2	Model Tuning and Evaluation	DV-7	Evaluate accuracy and loss	Medium	Hiritish Chidambaram N C Anirudh	2024/03/22	2024/03/29
Sprint-3	Web Integration and Deployment	DV-8	Design front-end with HTML/CSS	Low	Hiritish Chidambaram N C Anirudh Swaroop Bhowmik Dipanjana Choudhury	2024/03/29	2024/04/05
Sprint-3	Web Integration and	DV-9	Integrate model with Flask	High	Hiritish Chidambaram N C Anirudh	2024/03/29	2024/04/05

	Deployment				Swaroop Bhowmik Dipanjan Choudhury		
Sprint-3	Web Integration and Deployment	DV-10	Local deployment and testing	Medium	Hiritish Chidambaram N C Anirudh Swaroop Bhowmik Dipanjan Choudhury	2024/03/29	2024/04/05
Sprint-4	Final Project Report	DV-11	Prepare documentation & report	Medium	Hiritish Chidambaram N C Anirudh Swaroop Bhowmik Dipanjan Choudhury	2024/03/29	2024/04/12

Screenshot:

DATA COLLECTION & IMAGE PREPROCESSING:			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div><div>TSK-289221</div><div>DC SB CA HC</div><div>1: Organizing The Images Into Different Classes.</div><div>Progress(%): 90</div><div>Comment</div></div> <div><div>TSK-289222</div><div>DC SB CA HC</div><div>2: Import The ImageDataGenerator Library.</div><div>Progress(%): 90</div><div>Comment</div></div>	

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PROJECT DETAILS

TASK & PROGRESS

MENTOR REVIEW

DATA COLLECTION & IMAGE PREPROCESSING:

TSK-289223



3:

Configure
ImageDataGenerator
Class

Progress(%):

Comment

TSK-289224



4:

Apply
ImageDataGenerator
Functionality To
Trainset And Test Set:

Progress(%):

Comment

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PROJECT DETAILS

TASK & PROGRESS

MENTOR REVIEW

DATA COLLECTION & IMAGE PREPROCESSING:

MODEL BUILDING

BACKLOG

IN-PROGRESS

REVIEW

COMPLETE

TSK-289225

DC

SB

CA

HC

1:
Importing The Model
Building Libraries

Progress(%):

Comment

TSK-289226

DC

SB

CA

HC

2:
Importing The VGG19
Model:

Progress(%):

Comment

TSK-289227

DC

SB

CA

HC

