Initial Project Planning Template

Date	15 March 2024
Team ID	SWTID1720097611
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	Data Collection and Preprocessing	CV-2	Download the Dataset	1	High	Yasaswini	2024/06/07	2024/09/07
Sprint-1	Data Collection and Preprocessing	CV-3	Create Test and Train Dataset	1	Medium	Yasaswini	2024/06/07	2024/09/07
Sprint-1	Data Collection and Preprocessing	CV-9	Dataset Manipulation	2	Low	Roshini	2024/06/07	2024/09/07
Sprint-1	Data Collection and Preprocessing	CV-8	Configure ImageDataGenerator Class	2	Medium	Roshini	2024/06/07	2024/09/07
Sprint-1	Data Collection and Preprocessing	CV-10	Preprocessing the Images.	3	High	Kirananjali	2024/06/07	2024/09/07

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-2	Model Building	CV-11	Transfer Learning for Feature extraction	2	High	Kirananjali	2024/06/09	2024/06/11
Sprint-2	Model Building	CV-12	Adding Dense Layers	2	Medium	Kirananjali	2024/06/09	2024/06/11
Sprint-2	Model Building	CV-13	Training the Models	1	Medium	Thanuja	2024/06/09	2024/06/11
Sprint-2	Model Building	CV-14	Model Selection for Application	3	High	Thanuja	2024/06/09	2024/06/11
Sprint-2	Model Building	CV-15	Saving and Testing the Model in Local Device	1	Low	Thanuja	2024/06/09	2024/06/11
Sprint-3	Application Development	CV-16	Building HTML pages	2	Medium	Roshini	2024/06/10	2024/06/12
Sprint-3	Application Development	CV-17	Developing App.py file	2	High	Roshini	2024/06/10	2024/06/12
Sprint-3	Application Development	CV-19	Testing the Web Application	2	Medium	Yasaswini	2024/06/10	2024/06/12

Projects / Covid Vision

Backlog

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☐ ▾ **CV Sprint 1** 6 Jul – 9 Jul (5 issues)   0 0 0   Complete sprint •••

🔖 C̶V̶-̶2̶ Download the dataset	DATA COLLECTION	DONE ✓	-	PY
🔖 CV-3 Create test and train Dataset	DATA COLLECTION	IN PROGRESS ✓	-	PY
🔖 CV-9 Dataset Manipulation	IMAGE PREPROCESSING	TO DO ✓	-	RN
🔖 CV-8 Configure ImageDataGenerator Class	IMAGE PREPROCESSING	TO DO ✓	-	RN
🔖 CV-10 Processing the Images	IMAGE PREPROCESSING	TO DO ✓	-	KV

+ Create issue

☐ ▾ **CV Sprint 2** 9 Jul – 11 Jul (5 issues)   0 0 0   Start sprint •••

🔖 CV-11 Transfer Learning for Feature extraction	MODEL BUILDING	TO DO ✓	-	KV
🔖 CV-13 Adding Dense Layers	MODEL BUILDING	TO DO ✓	-	KV
🔖 CV-12 Training the model	MODEL BUILDING	TO DO ✓	-	MT
🔖 CV-14 Model Selection	MODEL BUILDING	TO DO ✓	-	MT

Covid Vision
Software project

PLANNING
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