

Initial Project Planning Template

Date	12 July 2024
Team ID	SWTID1720351492
Project Name	CovidVision: Advanced COVID-19 Detection from Lung X-Rays with Deep Learning
Maximum Marks	3 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High		2024-07-12	2024-07-13
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	1	High		2024-07-12	2024-07-13

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1		USN-4	As a user, I can register for the application through Gmail.	2	Medium		2024-07-12	2024-07-13
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	1	High		2024-07-12	2024-07-13
Sprint-2		USN-3	As a user, I can register for the application through Facebook.	2	Low		2024-07-14	2024-07-15
Sprint-2	Data Collection	USN-6	Collect X-ray images from the COVID-19 Radiography Database and organize them into respective categories.	3	High		2024-07-14	2024-07-15
Sprint-2	Image Preprocessing	USN-7	Preprocess the images, including resizing, normalization, and augmentation.	5	Medium		2024-07-14	2024-07-15
Sprint-3	Model Development	USN-8	Develop and train the initial deep learning model using the preprocessed images.	5	High		2024-07-16	2024-07-18
Sprint-4	Model Validation	USN-9	Validate the model using a separate validation dataset and evaluate its performance.	4	High		2024-07-19	2024-07-20

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Sprint-5	Model Optimization and Tuning	USN-10	Fine-tune the model hyperparameters to improve accuracy and performance.	6	Medium		2024-07-21	2024-07-23
Sprint-6	Deployment	USN-11	Deploy the model and create a web application for users to upload X-ray images and receive diagnoses.	8	High		2024-07-24	2024-07-27
Sprint-6	Documentation	USN-12	Document the entire project process, including the methodology, results, and user guide for the web app.	3	High		2024-07-24	2024-07-27