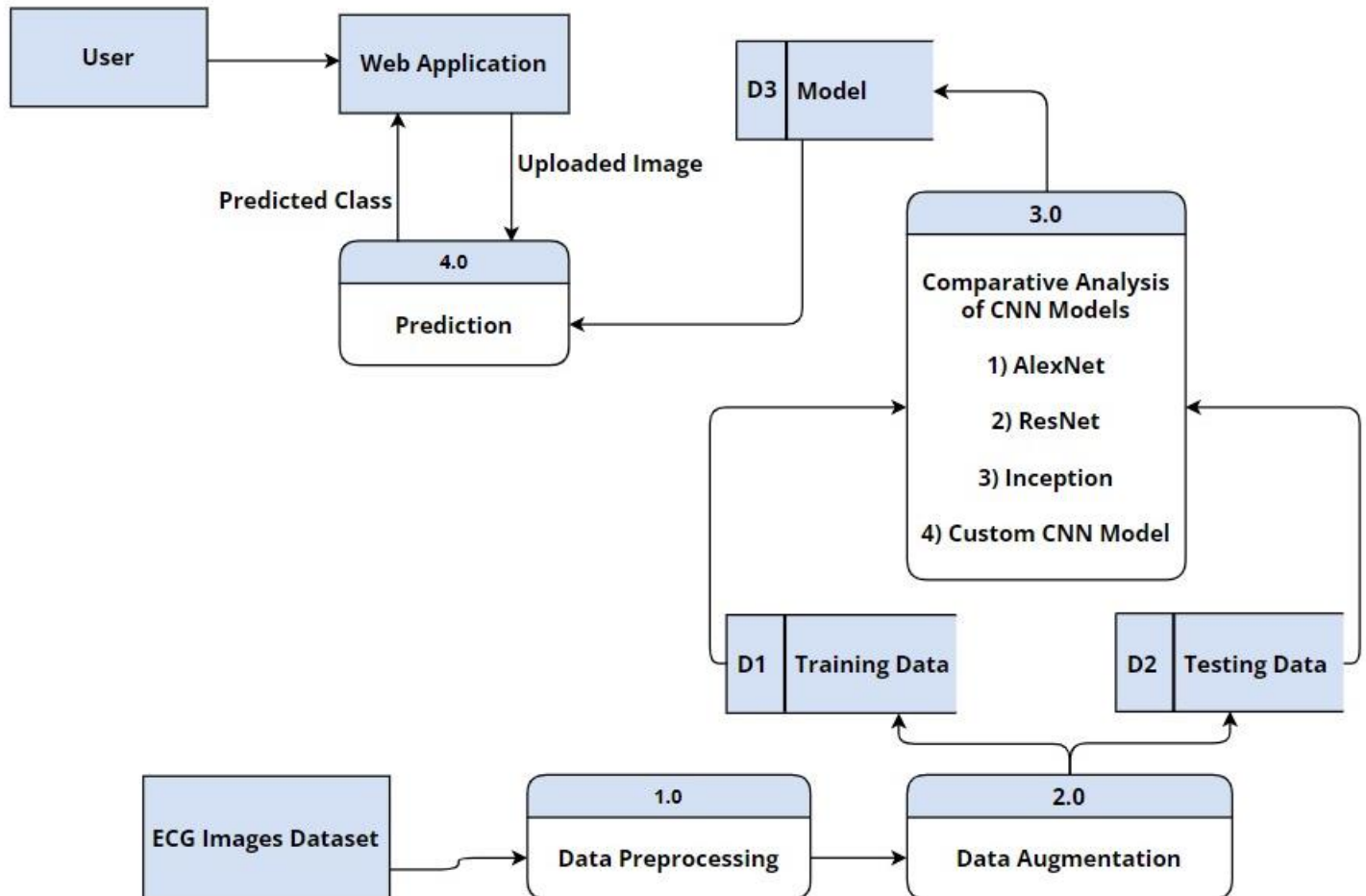


Project Design Phase II

Data Flow Diagrams & User Stories

Date	15 October 2022
Team ID	PNT2022TMID35734
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	4 Marks

Data Flow Diagram:



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Mobile / Web User	Registration	USN-1	As a user, I can register for the application by entering my email, password and confirming my password.	I can access my dashboard and enter additional details.	High	Sprint-1
	Confirmation	USN-2	As a user, I will receive a confirmation mail after registering in the application.	I receive the confirmation email and can confirm my registration.	High	Sprint-1
	Login	USN-3	As a user, I can login in the application by entering my email and password.	I can use my email id and password to access my dashboard.	High	Sprint-1
	User Profile	USN-4	As a user, I can see my personal details, medical history, and previously uploaded ECG images along with the results.	I can see all my details after logging in the application.	Low	Sprint-3
	Image Upload	USN-5	As a user, I can upload an ECG image in the application.	I can upload an ECG image and click on 'Upload' to get the result.	High	Sprint-2
	Prediction Result	USN-6	As a user, I can view the predicted class in the application.	I can view the result of my uploaded image.	High	Sprint-2
Customer Care Executive	Support	USN-1	As a customer care executive, I can provide support and solve the	I can provide support and solve issues	Medium	Sprint-3

			issues that users face with the application.	w.r.t the application.		
Administrator	Application Maintenance	USN-1	As an administrator, I can upgrade or update the application whenever a bug is discovered, or a newer version is developed.	I can update or upgrade the application.	High	Sprint-1
	Application Security	USN-2	As an administrator, I can implement security measures and make necessary changes.	I can make the application more secure.	High	Sprint-1