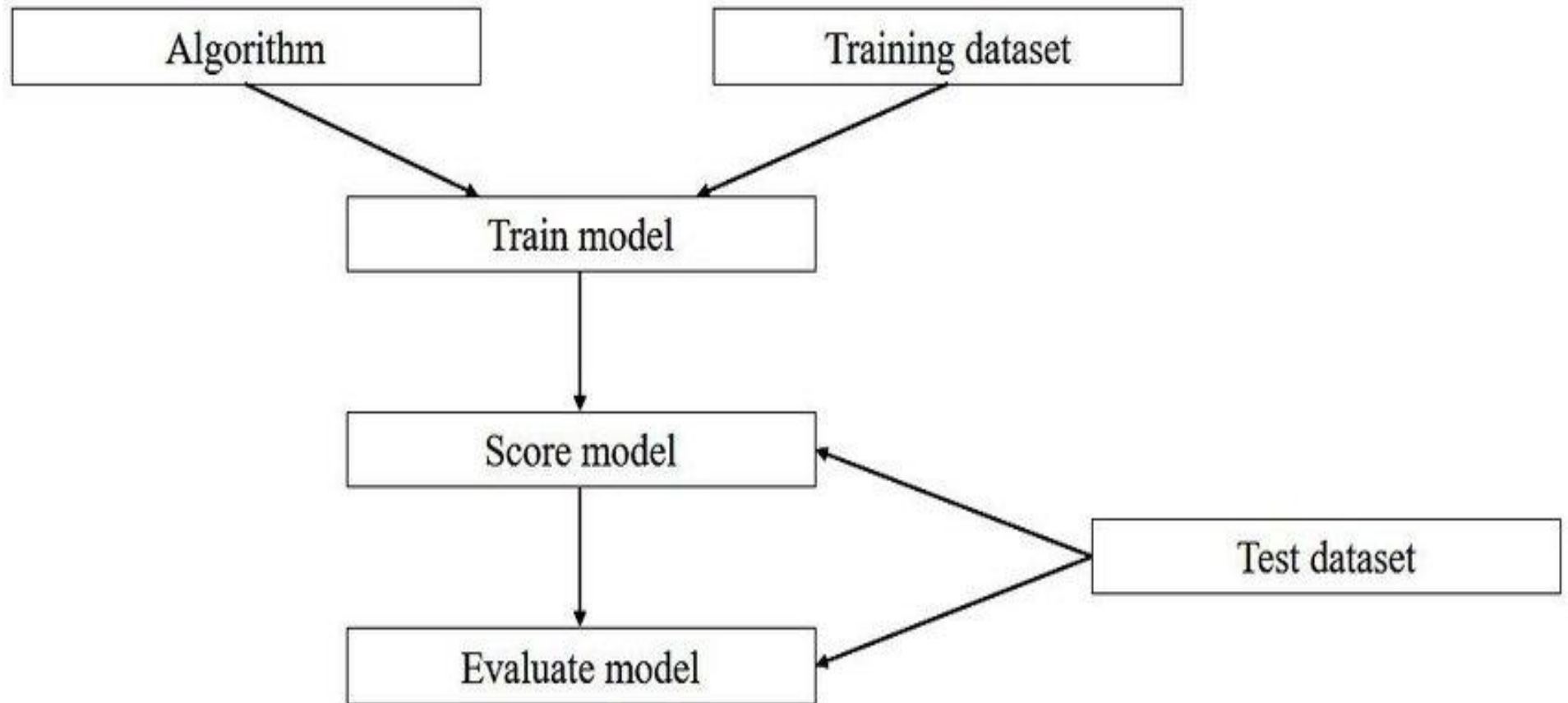


Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 May 2023
Team ID	NM2023TMID22579
Project Name	Automated Weather Classification using Transfer Learning
Maximum Marks	4 Marks

Data Flow Diagrams



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number User Story / Task	Acceptance criteria	Priority	Release
Regular 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 account / dashboard	Medium	Kalpana
		USN-2 As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Revathy Sri
		USN-3 As a user, I will redirect to the login page after successful registration.	I can redirect to the login page.	High	Naaga Rethina
	Login	USN-4 As a user, I can register for the application through Gmail USN-5 As a user, I can log into the application by entering email & password	I can register & access the dashboard with Gmail I get authenticated to use the resource.	Medium Medium	Kalpana Musitha
	Image Upload	USN-6 As a user, I can upload image for weather classification.	I can receive an error message if I try to upload an unsupported file for	Medium	Naaga Rethinai

		USN-7 As a user, I can select a way to upload the images.	I can select a button or option to upload an image.	High	Kalpana
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	Weather Classification	USN-8 As a user, I can use Transfer learning techniques to classify the weather conditions in the uploaded image.	I can make the classification as efficient and accurate.	High	Naaga Rethina
	Multiple Image Classification	USN-9 As a user, I can classify multiple image in a single session.	I can view the uploaded images and their corresponding result in a well-organized manner.	Medium	Revathy Sri
	Display Results	USN-10 As a user, I can view the predicted weather condition for the uploaded image	I can view the temperature , humidity and other relevant weather information for the given image.	High	Musitha
	Log Out	USN-11 As a user, I can log out of my account.	I can logout using button and redirect to the login page.	High	Revathy Sri