

Project Design Phase-II

Data Flow Diagram & User Stories

Date	06 May 2023
Team ID	NM2023TMID18455
Project Name	CrimeVision: Advanced Crime Classification with Deep Learning

Data Flow Diagrams:

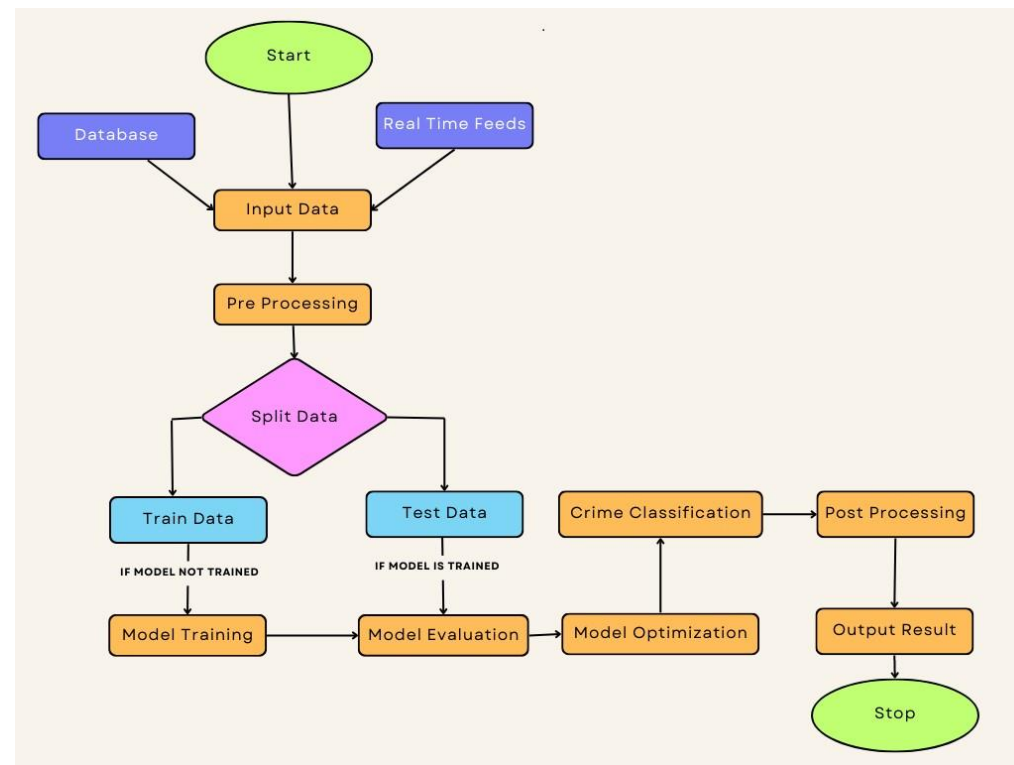


Figure: Data Flow diagram

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	Team Member
Police officer	Crime Classification using Deep Learning	USN-1	I want to upload crime-related images to the system for classification.	-The system should provide an option to upload an image file. -The system should accept common image formats such as JPEG or PNG. -Upon uploading, the system should process the image for crime classification.	High	Tejashwini
		USN-2	I want the system to accurately classify the type of crime based on the uploaded image.	-The system should analyze the image using deep learning techniques to identify the type of crime present. -The classification should be based on predefined crime categories such as assault, burglary, robbery, etc. -The system should provide a confidence score or probability for the classification result.	High	Subitha
		USN-3	I want to view the classification result along with additional information about the crime.	-The system should display the classified crime category prominently. -The system should provide relevant details or metadata about the crime, such as location, date, and time. -The system should present any additional insights or recommendations based on the classification result.	Medium	Thahseen
		USN-4	I want to track and analyze crime classification results over time.	-The system should maintain a log or history of classified crimes. -The system should allow filtering and searching of classified crimes based on various criteria such as date, location, or crime type. -The system should provide statistical or graphical representations of crime trends and patterns.	Medium	Sherly Helen

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Police officer	Crime Classification using Deep Learning	USN-5	As a police officer, I want the system to notify me of any updates or improvements to the crime classification models.	<ul style="list-style-type: none"> -The system should have a mechanism to inform users about model updates, new crime categories, or improved accuracy. -The system should provide documentation or release notes explaining the changes or improvements. -The system should allow users to provide feedback or suggestions for further enhancements. 	Low	Sandeep