

Project Design Phase-II

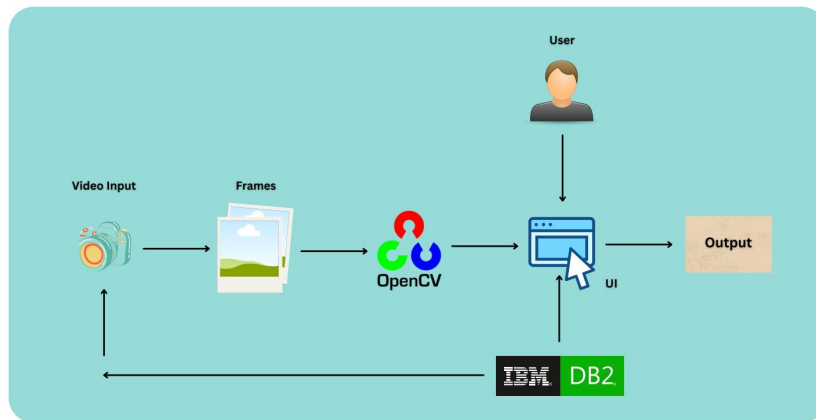
Data Flow Diagram & User Stories

Date	19 May 2023
Team ID	NM2023TMID10156
Project Name	AI Enabled Car parking

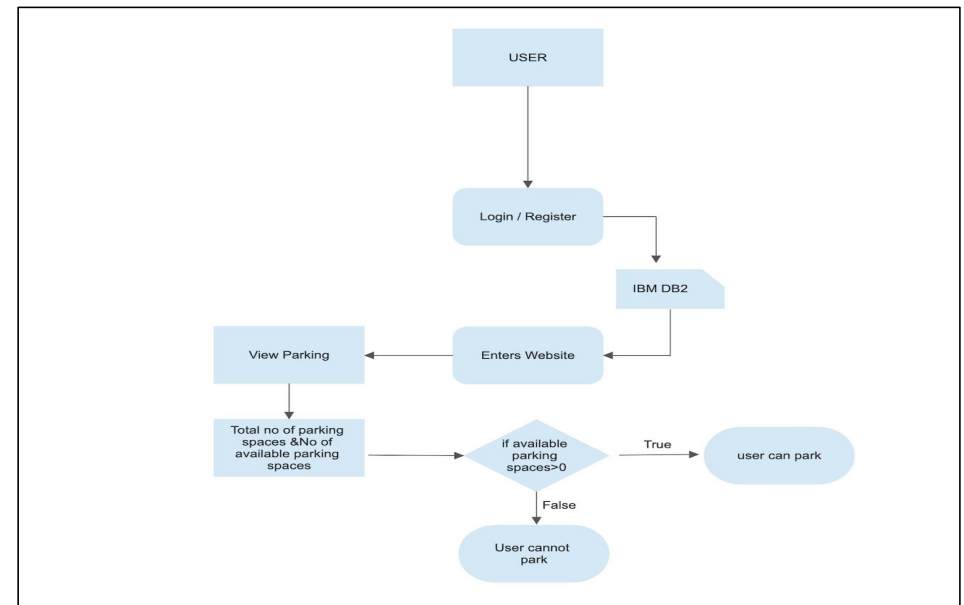
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: [\(Simplified\)](#)



Data Flow chart for AI Enabled Car Parking System



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
	Registration	USN-1	As a user, I can register in the website by providing credentials such as email, mobile number	I can access my account and be able to see whether i have the space to park or not.	High	Hari Krishna R
	Knowing the parking structure	USN-2	As a user, I want to access the Parking area's structure	This is to know the exact location where I will be able to park	High	Shailesh H
	Total no of spaces and available spaces	USN-3	As a user, I want to know the total no of parking spaces in the parking area and also the available no of spaces.	The amount of total spaces and free parking spaces must be available to me .	Medium	Athish R S
	Selecting the space	USN-4	The task is to highlight the free parking spaces in the parking space inorder for the user to choose their parking position.	The spaces must be clealy highlighted using shapes and colour	low	Madusri S
	Possibility of parking	USN-5	As a user, I am obligated to know whether i will be able to park my car in the parking or not.If not I must be notified.	An Yes or No message is more than sufficient	High	Athish M