Project Design Phase-II
Solution Architecture

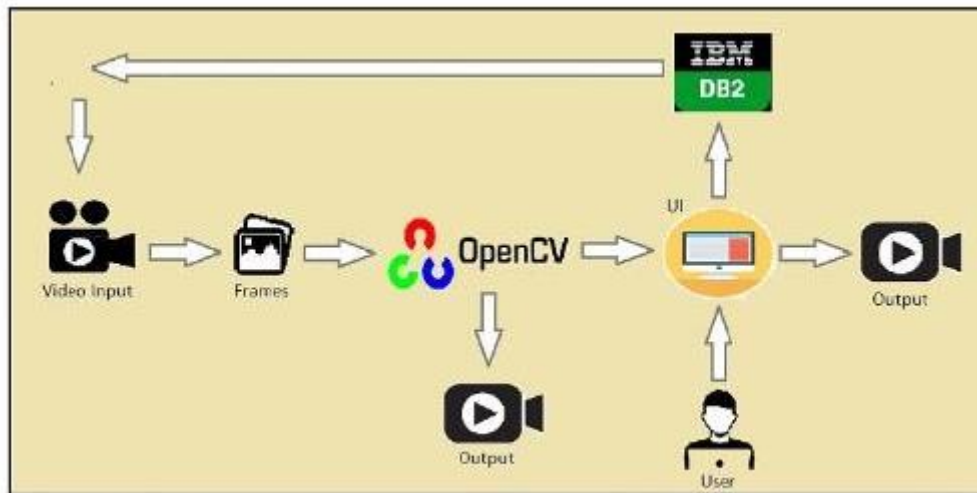| Date	09 November 2023
Team ID	591691
Project Name	AI Enable Car Parking Using OpenCV
Maximum Marks	4 Marks

Solution Architecture:

Crafting a solution architecture involves navigating a multifaceted journey that serves as a vital link between organizational challenges and technological resolutions.

 Its primary objectives encompass:

1.   Identifying Optimal Tech Solutions: Deliberately discerning and implementing the most effective technological remedies to address prevailing business dilemmas.

2.   Illustrating Software Essence: Articulating the fundamental framework, attributes, functionalities, and related dimensions of the software to key project stakeholders, ensuring a comprehensive understanding of the proposed solution.

3.   Outlining Development Phases and Requirements: Defining the essential elements, developmental stages, and requisite solution prerequisites, facilitating a systematic and coherent approach to the execution of the proposed solution.

4.   Furnishing Comprehensive Specifications: Offering comprehensive guidelines and directives that steer the definition, management, and successful delivery of the proposed solution, fostering clarity and alignment throughout the implementation process.

Solution Architecture Diagram:

Example - Solution Architecture Diagram:

Architecture and data flow of the car parking using open cv