

Project Design Phase-I

Solution Architecture

Date	30th September 2022
Team ID	PNT2022TMID36688
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture Diagram

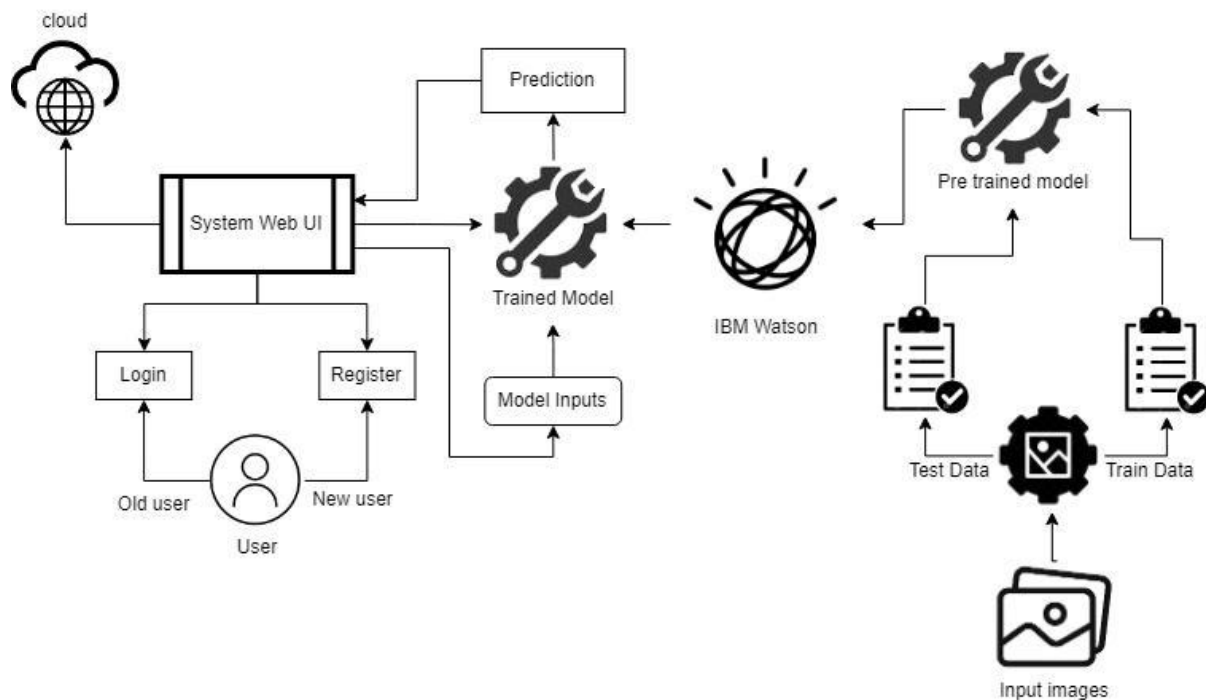


Figure 1: Architecture and data flow of the diabetic retinopathy prediction classification