

Project Design Phase-I Solution Architecture

Date	10 October 2022
Team ID	PNT2022TMID00774
Project Name	Project – Detecting Parkinsons Disease Using Machine Learning.
Maximum Marks	4 Marks

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:

- When we used models pretrained on unrelated Image Net dataset for the construction of the ensemble architectures
- It significantly enhanced the performance on detecting PD compared to untrained models.
- Our finding suggests a promising direction, where unrelated training data can be considered when insufficient or no training data is available for a particular application.

Example - Solution Architecture Diagram:

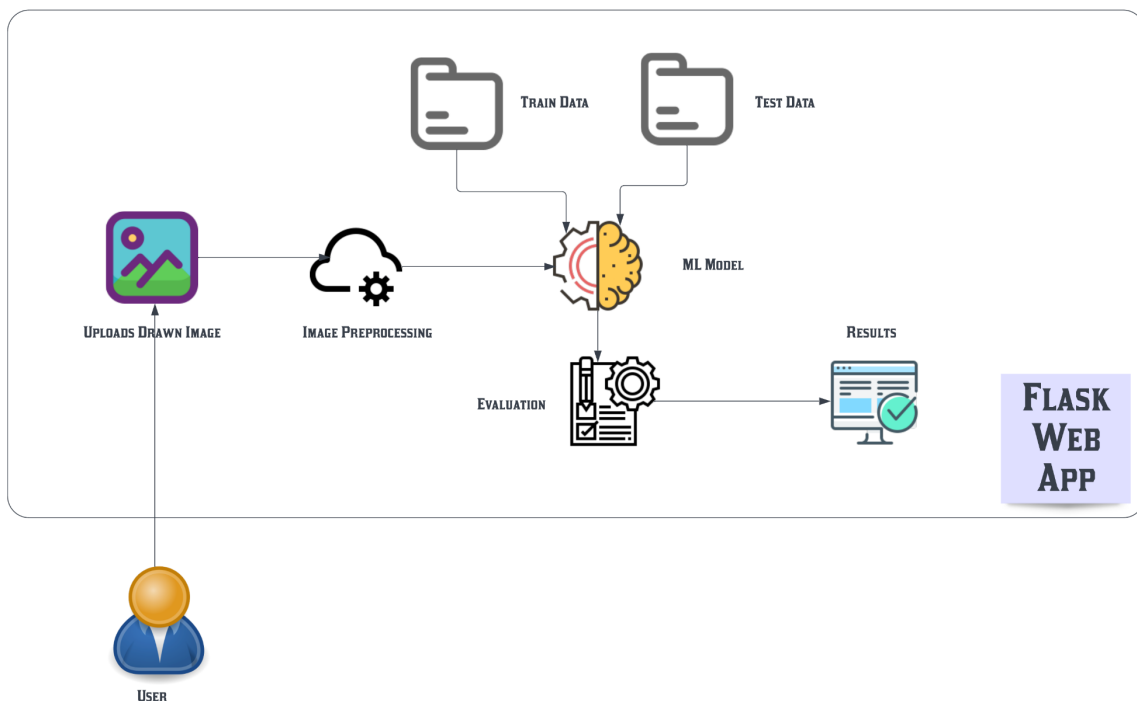


Figure 1: Architecture and data flow of the Detecting Parkinsons Disease using Machine Learning