

Project Design Phase-I Solution Architecture

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| Date | 01 October 2022 |
| Team ID | PNT2022TMID39529 |
| Project Name | A Novel Method for Handwritten Digit Recognition System |
| 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:

- 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:

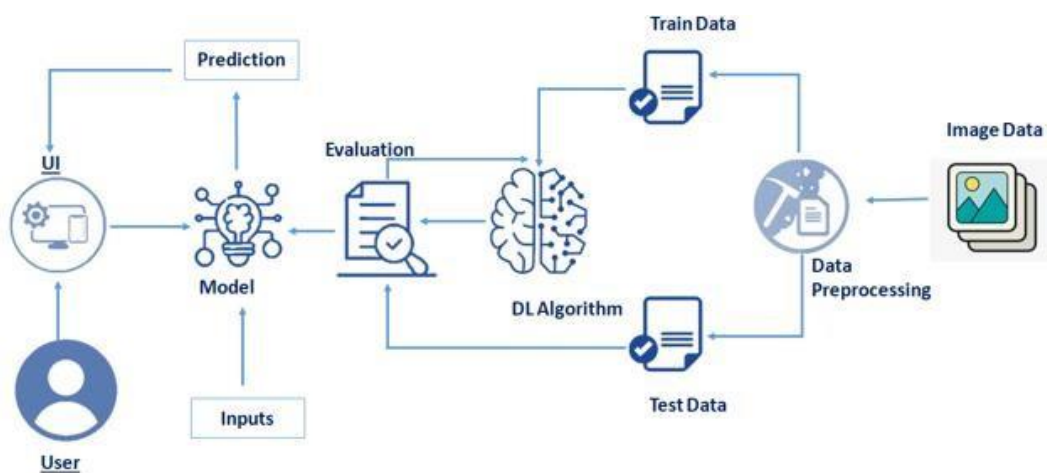


Figure 1: Architecture of the Handwritten digit recognition system.

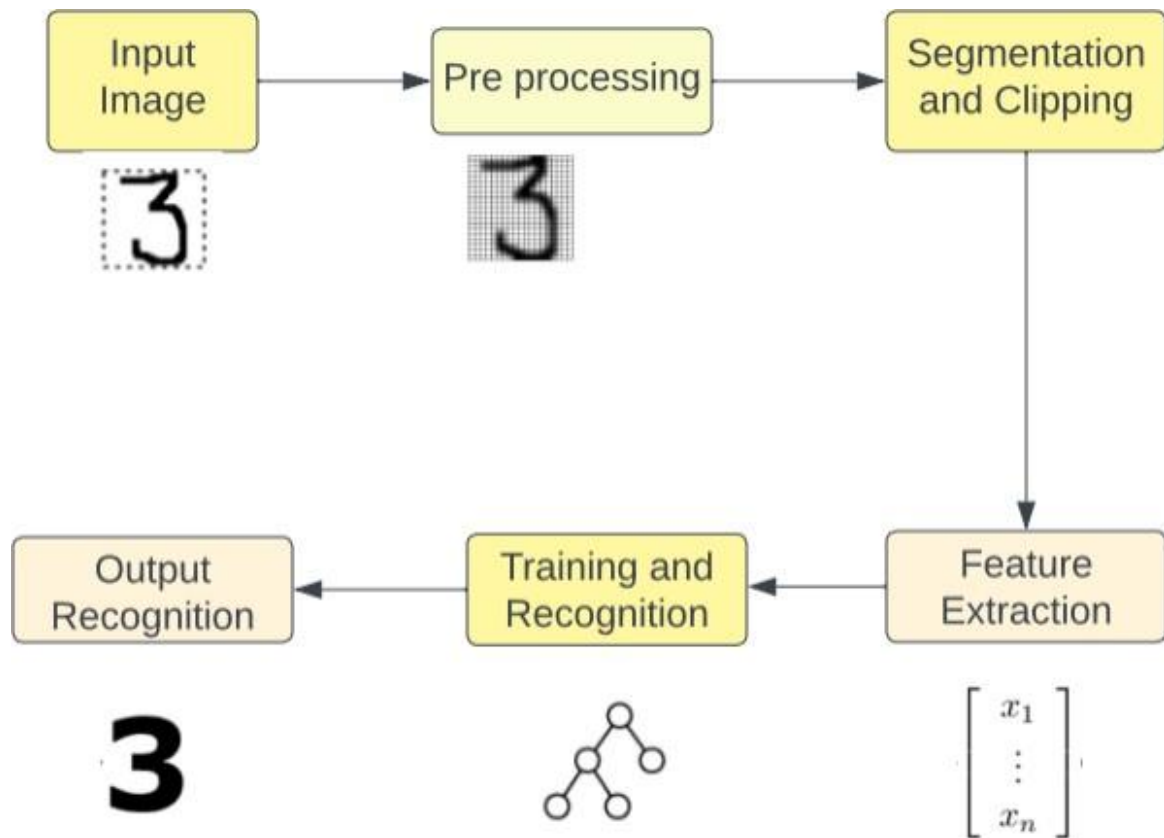


Figure 2: Model Architecture of the Deep Learning model used for Handwritten digit recognition.