

## Project Design Phase II

### Data flow diagram and User Stories

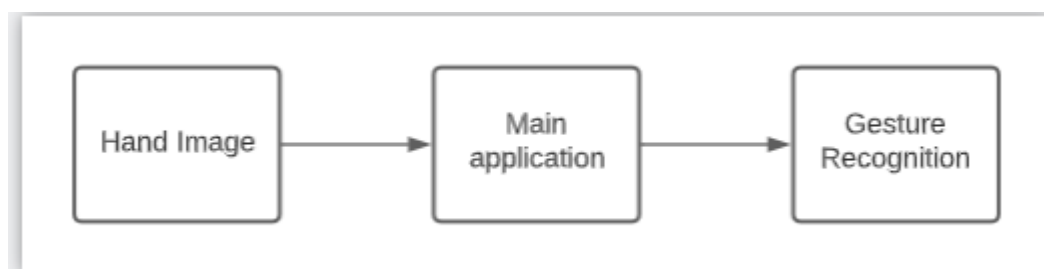
#### Data Flow Diagram

A data-flow diagram is a way of representing a flow of data through a process or a system. The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow — there are no decision rules and no loops.

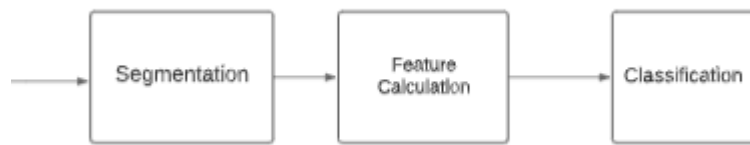
#### DATA FLOW

1. User configures the credentials for natural language understanding service and runs the software.
2. User selects data file to process and load
3. Apache tika extracts text from data file
4. Extracted text is passed to NLU for enrichment
5. Enriched data is visualized in the U.I using the D3.js library

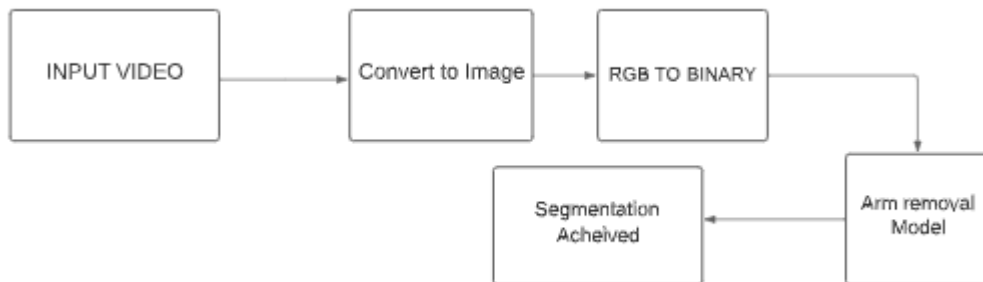
#### DFD LEVEL 0



## DFD LEVEL 1



## DFD LEVEL 2



## DFD LEVEL 3

