

## Project Design Phase-II

### Data Flow Diagram & User Stories

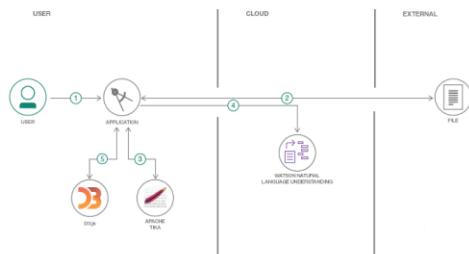
|               |  |
|---------------|--|
| Date          | 18 February 2026                                       |
| Team ID       | LTVIP2026TMIDS65702                                    |
| Project Name  | Online Payments Fraud Detection using Machine Learning |
| Maximum Marks | 4 Marks  |

#### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

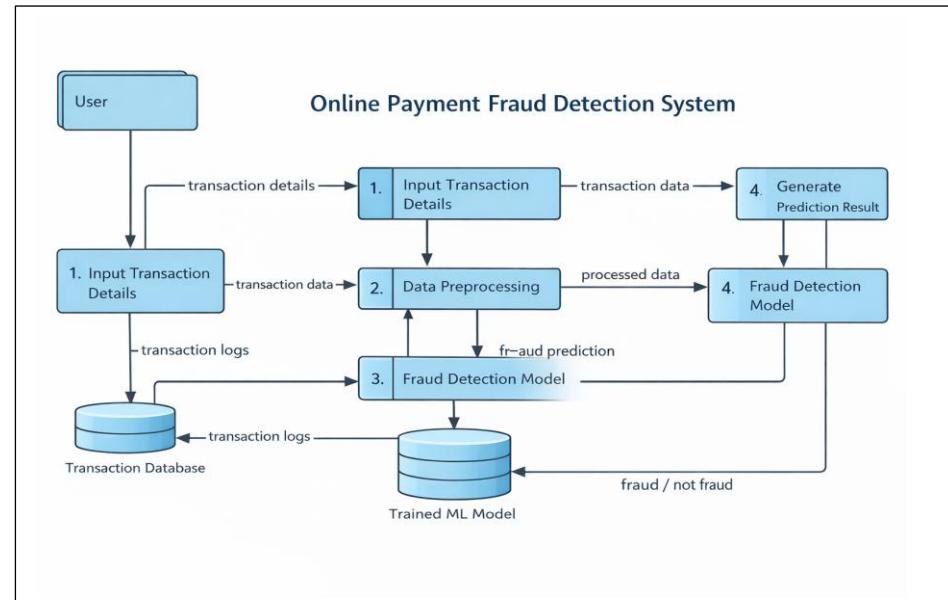
#### Example: (Simplified)

Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)



## User Stories

Use the below template to list all the user stories for the product.