Project Design Phase-II
Data Flow Diagram & User Stories
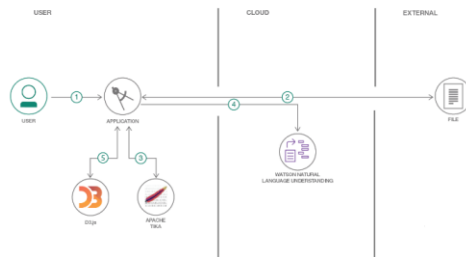
Date	03 October 2022
Team ID	PNT2022TMID54209
Project Name	Detection of Parkinson's Disease Using Machine Learning.
Maximum Marks	4 Marks

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.
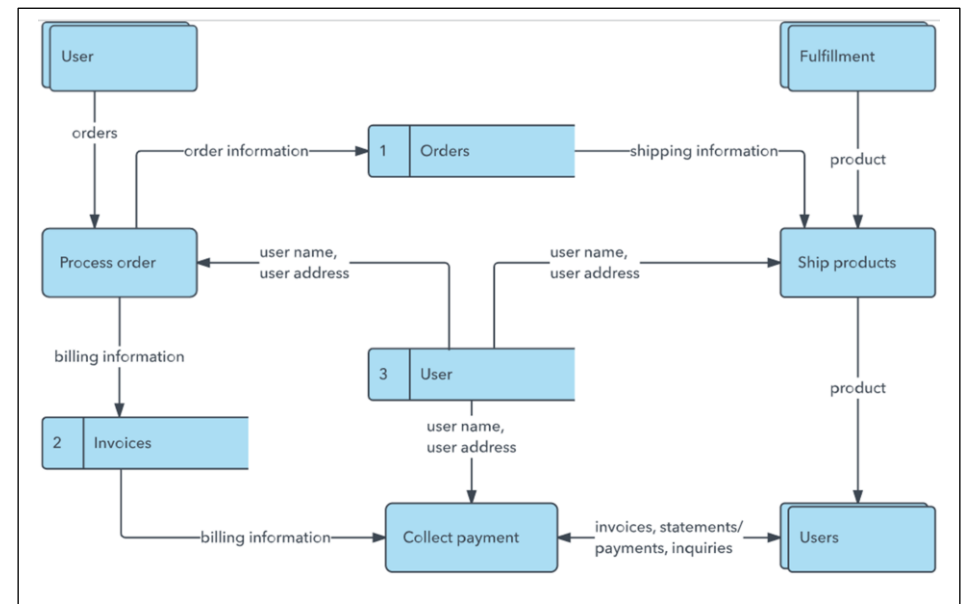
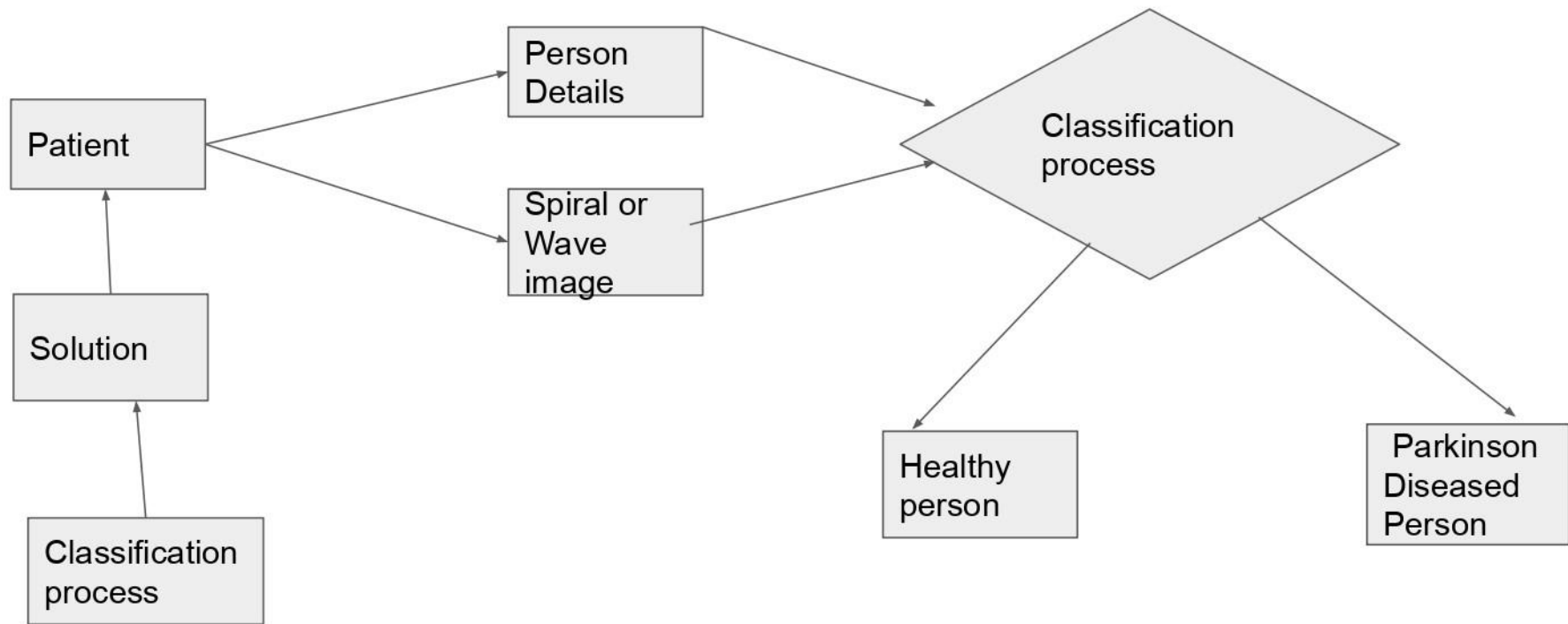Example: DFD Level 0 (Industry Standard)

Example: (Simplified)

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.

```
              Person
              Details ────────────┐
                                   ↓
Patient ───┐                   ┌─────────────┐
           │                   │Classification│
           ↓                   │   process    │
        Spiral or ─────────────→             
        Wave                   └──┬────────┬──┘
        image                     ↓        ↓
Solution                      Healthy    Parkinson
   ↑                          person     Diseased
   │                                     Person
Classification
process
```

Patient

Person Details

Spiral or Wave image

Solution

Classification process

Classification process

Healthy person

Parkinson Diseased Person

User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password	I can login using my E-mail ID accounts or user credentials.	High	Sprint-1
	Dashboard	USN-3	As a user I can view the page of the application where i can upload my images of spiral and wave.	I can access my account/Dashboard.	High	Sprint-2
Customer (Web user)	Registration	USN-4	As a user ,I can login to web dashboard just like website dashboard.	I can register using my username and password.	High	Sprint-3
	Login	USN-5	As a user, I can login to my website dashboard with the login credentials.	I Can login using my user credentials.	High	Sprint-3
	Dashboard	USN-6	As a user , I can view the web application where I can upload my images.	I can access my accounts/Dashboard.	High	Sprint-4
Administrator	Login	USN-7	As a admin , I can login to the website using my login credentials.	I can login to the website using my login credentials.	High	Sprint-5
	Dashboard	USN-8	As a admin, I can view the dashboard of the application.	I can access my dashboard.	High	Sprint-5