# Project Design Phase-I
# Data Flow Diagram & User Stories

| Date | 12 August 2024 |
|---|---|
| Team ID | Abhishek Kumar Sinha |
| Project Name | FetalAI: USING MACHINE LEARNING TO PREDICT AND MONITOR FETAL HEALTH |
| Maximum Marks | 4 Marks |

**Flow:**
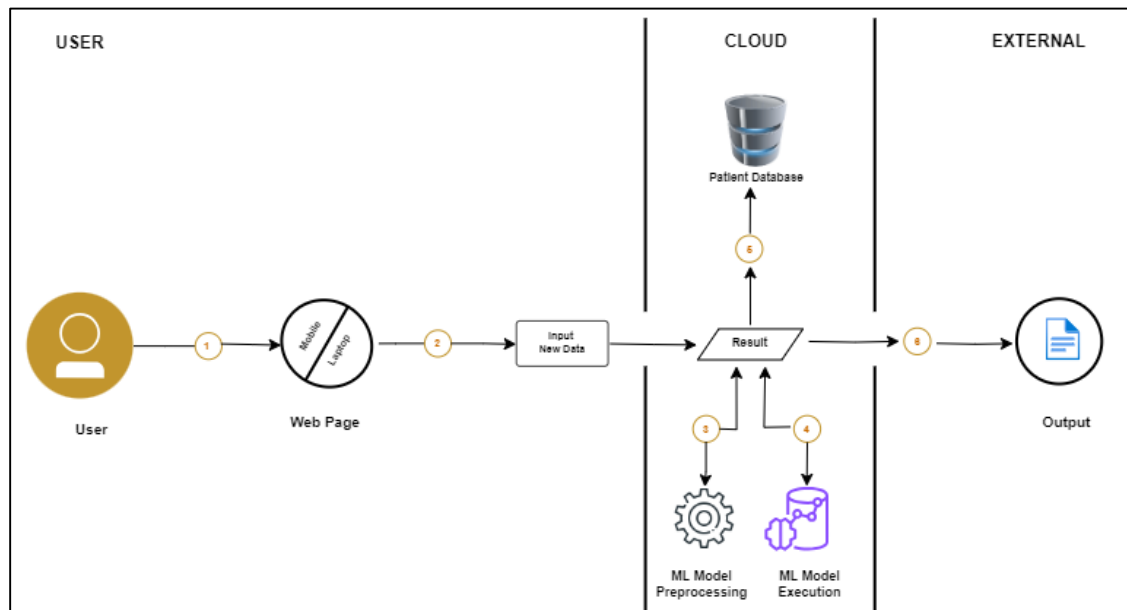


1. User Access the webpage using either mobile phone or system

2. User Enter New Data points for prediction

3 & 4 ML model pre-process and execute the new data and provide prediction result

5. The result is saved into Patient Database

6. The prediction result shown on the screen as output

## Data Flow Diagram (DFD):
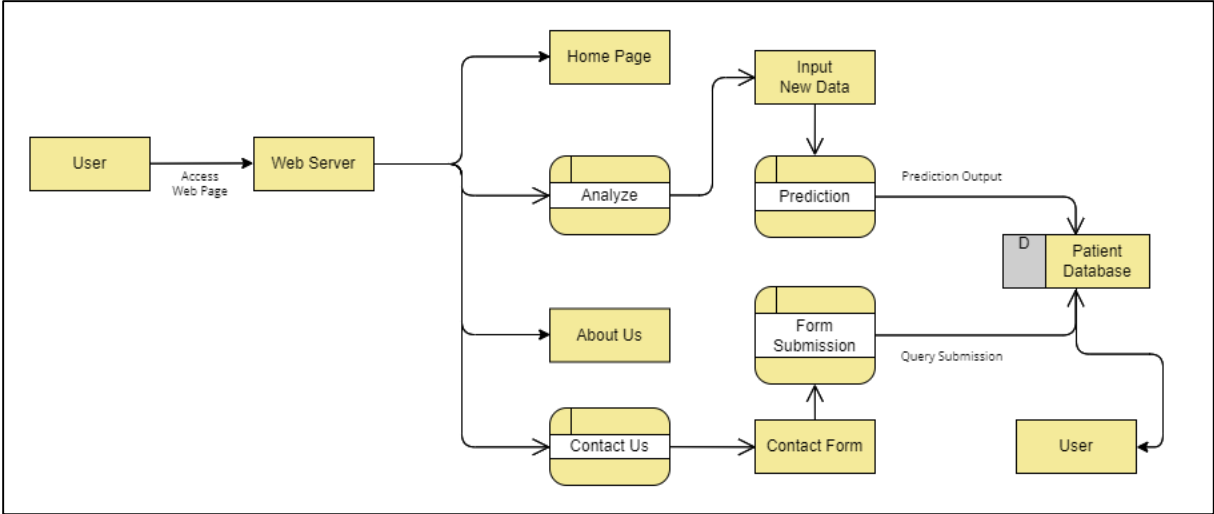
## User Stories

| User Type | Functional Requirement (Epic) | User Story Number | User Story/Task | Acceptance Criteria | Priority | Release |
|---|---|---|---|---|---|---|
| User (Mobile user) | Webpage | USN-1 | Analyse/Predict for new data | All fields should be filled & numeric | High | Sprint-1 |
| | | USN-2 | User get Predicted output | Must be of classes (Normal, Pathological & Suspect) | High | Sprint -1 |
| | | USN-3 | User missed a field area in analyse | Empty Field | Medium | Sprint-2 |
| | | USN-4 | User go to About page | Go to About Page | Low | Sprint-3 |
| | | USN-5 | User go to Contact Us page | Fill the form | Low | Sprint-3 |
| User (Laptop/ Desktop User) | Webpage | USN-1 | Analyse/Predict for new data | All fields should be filled & numeric | High | Sprint-1 |
| | | USN-2 | User get Predicted output | Must be of classes (Normal, Pathological & Suspect) | High | Sprint -1 |
| | | USN-3 | User missed a field area in analyse | Empty Field | Medium | Sprint-2 |
| | | USN-4 | User go to About page | Go to About Page | Low | Sprint-3 |
| | | USN-5 | User go to Contact Us page | Fill the form | Low | Sprint-3 |