User Stories G25

Lab-3

Front: User Story #1
As a Doctor, I want to see the percentage likelihood of each disease prediction so that I can assess the risk level.

Back: Acceptance Criteria

- The system should display the percentage likelihood of each disease prediction.
- The percentage likelihood should be calculated based on the user's symptoms and the algorithm's accuracy.
- The system should clearly label the percentage likelihood as an estimation and not a definitive diagnosis.
- The system should provide information on the accuracy of the algorithm used for predictions.

Front: User Story #2
As a doctor, I want to input my own diagnosis to compare with the system's predictions so that I can have a second opinion.

Back: Acceptance Criteria

- The system should allow doctors to input their own diagnosis for comparison.
- The system should display the doctor's diagnosis alongside the system's predictions.
- The system should highlight any discrepancies between the doctor's diagnosis and the system's predictions.
- The system should provide references and evidence supporting the system's predictions.

Front: User Story #3
 As a doctor I want to login on the webpage so that I can use the features of the website.

Back: Acceptance Criteria
Success: Login
Failure:
- Wrong format
- Wrong email/contact/Password
- Network error
- Session time expired.

Front: User Story #4
 As a doctor I want to create an account so that I can register myself on a website.

Back: Acceptance Criteria
- On successful verification create my account
- Ask for profile update
- On not getting verified show the error which maybe , network error, service unavailable or wrong credential.

Front: User Story #5
As a patient, I want to seek my previous prescriptions given by different doctors at different points of time for my disease so that I can track my health and use it for other purposes.

Back: Acceptance Criteria
- The system can have a patient as a different type of user with limited view and operating access.
- The patient will have a unique patient ID using which he/she can login.
- The system will show the patient's medical history i.e. which doctor was consulted, what prescription was given, at what time it was given etc.

Front: User Story #6
 As a healthcare professional, I want to view certain patients' disease prediction history so that I can efficiently use the data for examination or research purposes.

 Back: Acceptance Criteria
- The system should permit healthcare professionals to access certain patients' disease prediction history while ensuring the anonymity of personal information.
- The history should display the date, entered symptoms, disease predictions and doctor's conclusion for each entry.

Front: User Story #7
As a doctor I want to input data in appropriate units and datatypes so that I can get accurate results.

Back: Acceptance Criteria
- The system will show what datatype it expects in every field and the units in which input should be given.
- If a system is requested to give output using invalid data then it should raise an error.

Front: User Story #8

As a doctor, I want to set up alerts for certain disease predictions so that I can quickly respond to high-risk cases.

Back: Acceptance Criteria

- The system should allow doctors to set up alerts for specific disease predictions.
- The system should alert doctors for high risk disease for a likelihood more than 90%.

Front: User Story #9

As a pharmaceutical company, I want to access aggregated data on disease trends so that I can anticipate the demand for certain drugs.

Back: Acceptance Criteria

- The system should provide aggregated data on disease trends.
- The data should be anonymized and de-identified to protect patient privacy.
- The system should provide visualisations (e.g., graphs, charts) to help analyse the disease trends.

Front: User Story #10

As a relatively young doctor I want to examine my patient's report so that I can classify between near-classified diseases using global data.

Back: Acceptance Criteria.
- Viewers of this category will be considered while making the model.