

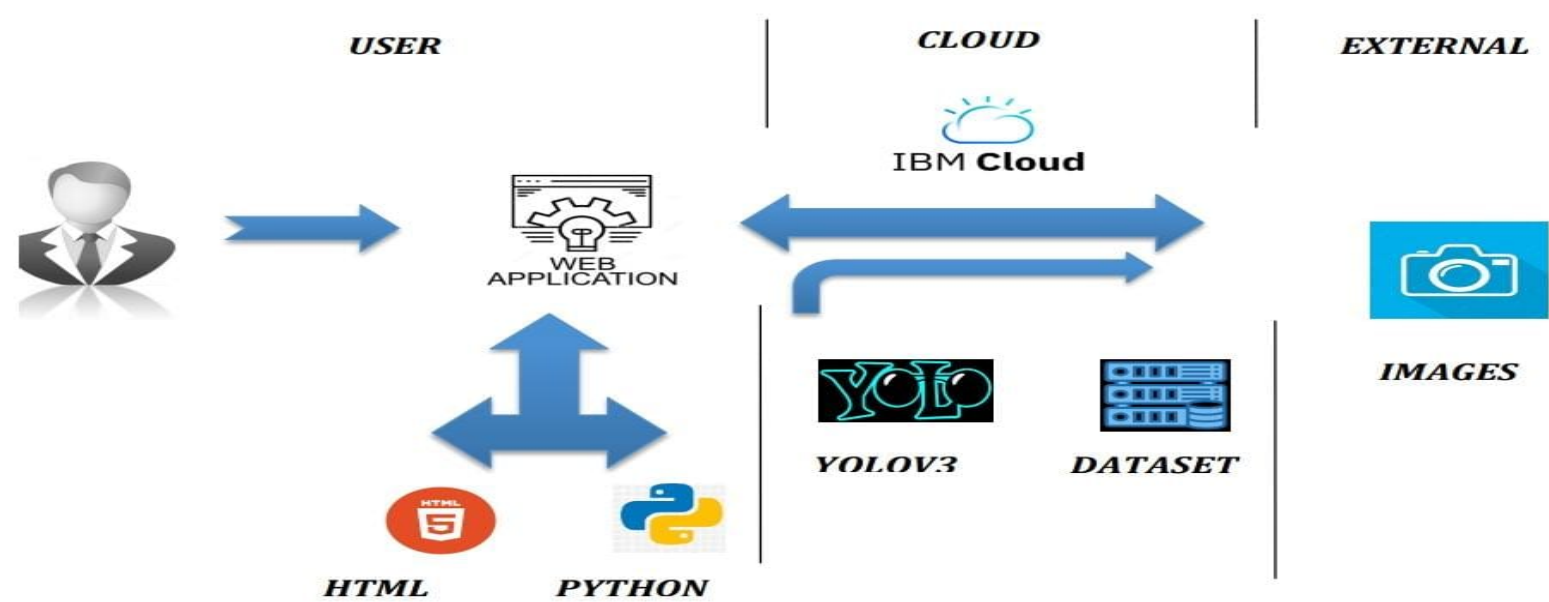
Project Phase II

Data flow diagrams & User stories

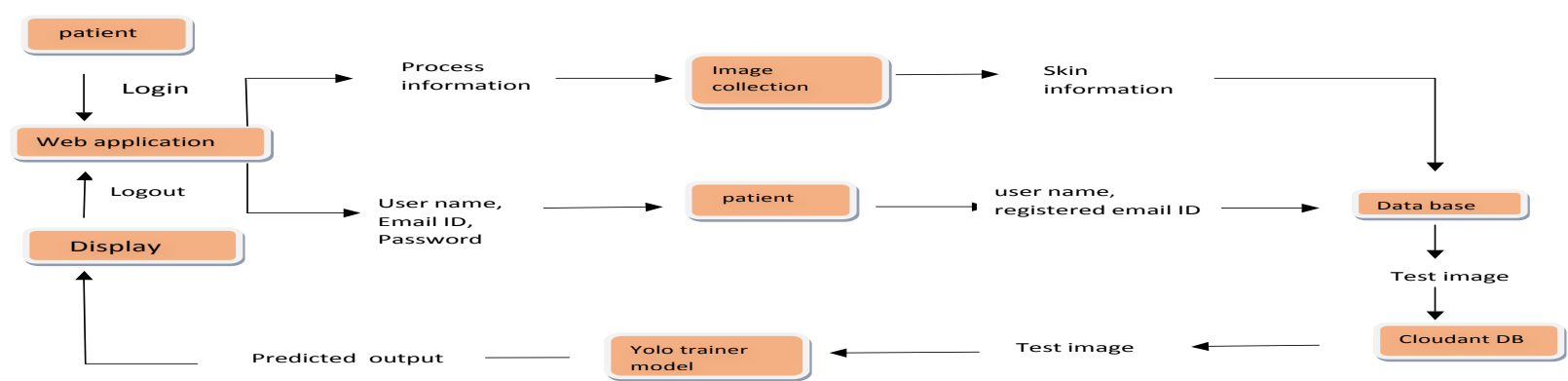
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|---------------|--|
| Date | 20 october2022 |
| Team ID | PNT2022TMID47686 |
| Project Name | Project-AI based localization and classification of skin disease with erythema |
| Maximum Marks | 4 Marks |

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.



DFD level 0:



User stories:

The following list out all the user stories for the product.

| User type | Functional requirement s (Epic) | User story number | User story/task | Acceptance criteria | Priority | Release |
|--------------------------|------------------------------------|----------------------|---|--|----------|----------|
| Patient (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering name, email ID, password. | I can access my account / dashboard | High | Sprint 1 |
| | | USN-2 | As a user, I will receive a confirmation email once I have registered for the application. | I can receive a confirmation email & click confirm | High | Sprint 1 |
| | | USN-3 | As a user, I can register for the application through link in Google chrome. | I can register & access the dashboard with Google | High | Sprint 1 |
| | | USN-4 | As a user, I can register for the application through Gmail. | I can register through Gmail. | Medium | Sprint 2 |
| | Login | USN-5 | As a user, I can login to the application by entering registered email ID, Password. | I can receive login credential. | High | Sprint 1 |
| | | USN-6 | As a user, I can logout from the application when logout is clicked it redirects to the logout.html page. | I can also receive logout credential. | High | Sprint 1 |
| | Interface | USN-7 | As a user, the interface should be easy to access. | I can able to access easily. | Medium | Sprint 2 |
| Patient (web user) | Dashboard | USN-8 | As a user, I can give the specific Info (skin image, skin color, skin tone, variation in skin, texture, screening test,). | I can able to know about how depth the disease is. | High | Sprint 1 |
| Patient (input) | View manner | USN-9 | As a user, I can view disease details in visual representation (images). | I can easily understand by using images visually. | High | Sprint 1 |
| | Color visibility | USN-10 | As a user, I can able to see the skin color due to infected area. | I can easily know about the condition of skin color. | High | Sprint 2 |
| | Knowledge | USN-11 | As a user, I can able to know about the disease details in early stage | I can easily know whether I have disease or not | High | Sprint 1 |
| Administrator | Risk tolerant | USN-12 | An administrator who is handling the website should update and take care of the application. | Admin should monitor the records properly. | Medium | Sprint 2 |