

## Project Design Phase-II

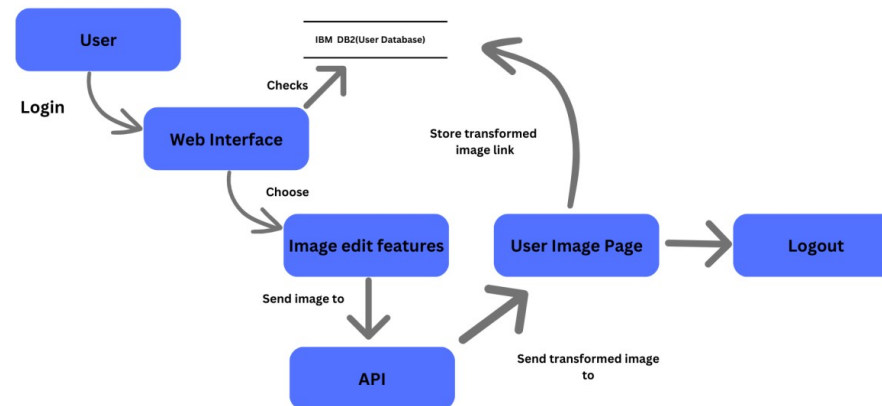
### Data Flow Diagram & User Stories

Date	12 May 2023
Team ID	NTM2023TMID12549
Project Name	Pixel Perfection: Transforming your photos of our cutting -Edge image editing platform

#### 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.

#### Simplified DFD for pixel perfection:



1. First the user login's into the system.
2. Then choose on of the image editing services available on the web interface.
3. Once choosen the service and uploading his image , an api call is made with the user image to transform it however he wants.
4. Then then transformed image is added to the user's db and the image is retrieved to be displayed on the user images page.
5. Then then transformed image link is stored in the db2 database.
6. Then the user logs out of the platform.

### User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
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	Siva
Customer (Web User)	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Siva
Customer (Web User)	Uploading images	USN-3	I want to be able to upload my images in various formats such as png,jpeg.	The application should allow to provide uploading of different formats	High	Aashik
Admin (Web User)	Manage Users	USN-4	As a admin , I want to manage my users in the application itself	The dashboard should display a list of users and their works.	Low	Aashik
Customer (Web user)	Downloadin images	USN-5	As a user, I want to download my images in different formats such as png, jpeg.	The application allow exporting files in png and jpeg format.	High	Ibrahim
Customer (Web User)	Drafts	USN-6	As a user, I want to draft my images so I can use it later to edit	The application allows users to make drafts.	Medium	Ibrahim
Customer (Mobile user)	Design layout	USN-7	As a user, I want a mobile version of the web platform.	I can choose desktop site to use the platform on mobile.	High	Sanjai
Customer (Web User)	Batch Processing	USN-8	As a user, I want to upload and edit multiple images at a time	I can drag and drop multiple files to edit on the platform	High	Sanjai