

# SYSTEM DEVELOPMENT LAB

SCCJ/01447/2019

URI ROY

## **PICS4U**

### ***PROJECT SCOPE***

***October 27, 2022***

### ***OVERVIEW***

#### **1. Project Background and Description**

Social media is at the core of the communication between people in modern society. Therefore having an application that enables people to exclusively share photos is not a farfetched idea, rather a really viable way of sparking interaction through images.

PICS4U is a photo-sharing social media application that allows a user to log-in, create a profile and share photos.

The shared photos can also be downloaded and saved. The photos are classified into categories for easier navigation.

#### **2. Project Scope**

To achieve it's purpose, the project will implement a fully responsive web-based application that can be accessed using a smartphone, laptops and desktops.

Functionalities that will be implemented at a higher level include:-

- User login.
- Profile creation.
- Uploading of photos.
- Downloading of photos.
- Saving of photos.
- Comments on photos.

#### **3. High level requirements**

The system is a web-based application, therefore, any smartphone, or computer with internet access and the latest browser, will be able to access it.

The system must include the following:-

- Ability to allow users to access the application without downloading any software.
- Ability to allow users to create profiles after logging in.
- Ability to upload photos in a user's profile.
- Ability to download or save any photo by a user.
- Ability to comment on a photo by a user.
- Ability to search for a photo in specific categories.

#### **4.Deliverables**

- UI prototype.
- User manual.
- Technical documentation.
- Back-end software hosted in the cloud.

#### **5.Affected parties**

- Users.
- System administrators.

#### **6.Affected business processes or systems**

- User registration.
- Profile creation.
- Photo upload.
- Photo download.
- Commenting.

#### **7.Specific exclusions from the scope**

In this first phase, the following will be excluded and will come in the following phases:-

- Ability to sell photos and get payment through M-pesa and bank.
- Downloading and installing the app on a device.

#### **8.Implementation Plan**

The project will kick off with the implementation of test stubs necessary to enable development of the prototype.

After the stubs, the UI prototype will be developed. Once the prototype has been developed, the sampled testing group, representing the end users, will go through it and approve of it. This is to ensure that all required functionalities have been factored and that the user experience (UX) is excellent.

After the UI prototype has been done, the stubs will be replaced with the actual operational logic for the app, and all pages will be implemented.