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**Team Project -1, Rev 1-1 – SRS**

**ISIT 322 Spring 2020**

**Family Photo Share**

# Scope

A photo share App that allow people to share photos amount friends and family. Online-based application software utilizing modern technology and platforms to help people to share their photos using secure authentication when logging into the app. To achieve this, we decided to utilize the Android OS and create a server to store user’s data and pictures. the scope of the first sprint includes creating a home screen, establishing camera access, and uploading pictures to a server. Time allowing, the scope of sprint 2 will include secure login, account creation and fingerprint scanner authentication.

The Application can handle, and direct service demanded. The Application will allow the user to share his family or friends’ pictures. The same application should be able to let the user to create an account and send people invites to the site.

# Assumptions

* + The application will be developed by using a language such
  + The team will provide necessary business experts as needed during the development
  + This will be a web-based application
  + The application will have a home screen
  + The application will provide access to the camera and photo album
  + The Application will upload pictures to a server

# User Stories

As we can see in the User Case Scenario. We have two actors. The first one is the user, the second one is the App. The App is the system that will help each user to have the ability to share any pictures they want.

A user is the person who is register in the system, and the person who can manage the login, sharing and inviting process of the App.

The App has the ability to show those pictures to the people that the user invites to be able to see the site.

# Use Case Scenario

|  |  |
| --- | --- |
| A picture containing text, table, white, man  Description automatically generated | 1. A user who wants to use family photos App need to register to the App thereby creating an account. 2. A user who wants to share pictures need to sign in using fingerprint 3. A user chooses to share family and friends’ pictures to the site or App 4. A user is able to invites friends to check on the pictures posted |

# Activity Flow

|  |  |
| --- | --- |
|  | 1. Launch App 2. Authenticate login via fingerprint 3. Establish Connection 4. Profile Page 5. Post Photo   5.1. Uploads photo to server   1. Invite Friend to view photos   6.1. Sends Friend invite to view photos |

# List of Steps

1. Launch App
   1. Use Fingerprint Authentication
2. Log into Application by establishing secure network connection
   1. Profile Landing Page
   2. Interface
      1. Profile Landing Page
      2. Post Photo Option
      3. Invite Friend to View Photos
3. Post Photos
   1. Asks for permission to access Camera
   2. Asks for permission to access Photo Album
4. Invite friend to View Photos
   1. Sends invite to friend by mobile phone number or email

# Requirements

Requirements to run the app are as follows:

* Fingerprint sensor
* Photo Album
* Camera
* Internet Connection

# Test Plan

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Step | ID | Test |
| 1 | Launch App | 1 | Fingerprint Authentication Tool |
| 2 | Fingerprint Authentication | 2 |  |
| 3 | Establishes Connection | 3 | Successful Connection |
| 4 | Interface Layout | 4 |  |
| 5 | Asks permission to access camera | 5 | Successfully grants permission to camera |
| 6 | Asks permission to access photo album | 6 | Successfully grants permission to photo album |
| 7 | Post Photo | 7 | Successfully posts photo |
| 8 | Send friend invite to view photos | 8 | Successfully invite friend to view photos |