

Critical Design Review

Team Name: Fantastic Four

Team Members:

Nikhil Reddy Kotwal (Leader)

Simran Agichani

Yeswanth Kumar Lekkala

Neha Sapare

Team Motto: The main goal is to improve organizational systems, typically through applying software methodologies that can help employees accomplish key business tasks more easily and efficiently.

Business Statement

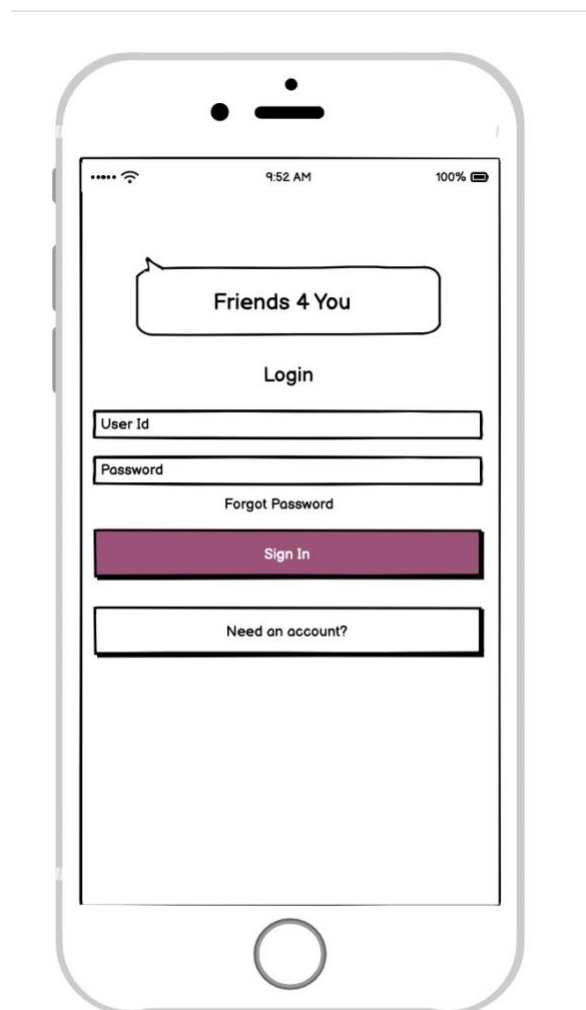
Security breaches and data loss: The business problem is understanding how to protect the company's sensitive data and systems from security breaches and data loss. Potential solutions may include implementing security protocols, regular backups, and employee training on security best practices.

U/I screens mapped to WBS system requirements, features, functions

Requirement 1: Login Screen

1.1 Feature: Welcome screen where Friend for You users can enter their unique name and password.

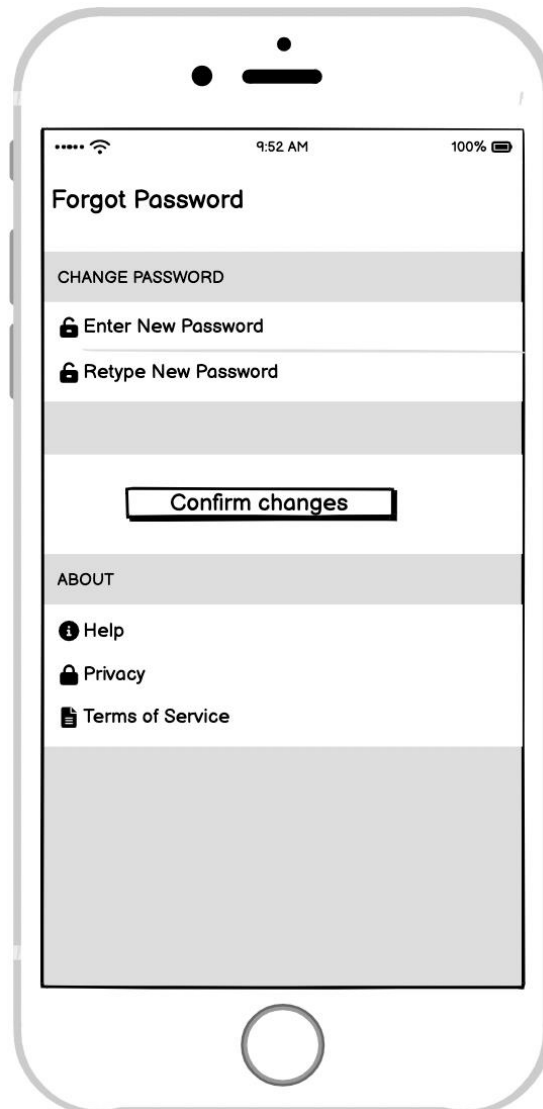
1.1.1 Function: Username and password text boxes, log-in button, forgot password button, open account/create account button.



Requirement 2: Password Reset

2.1 Feature: Friend for you user account retrieval through password reset.

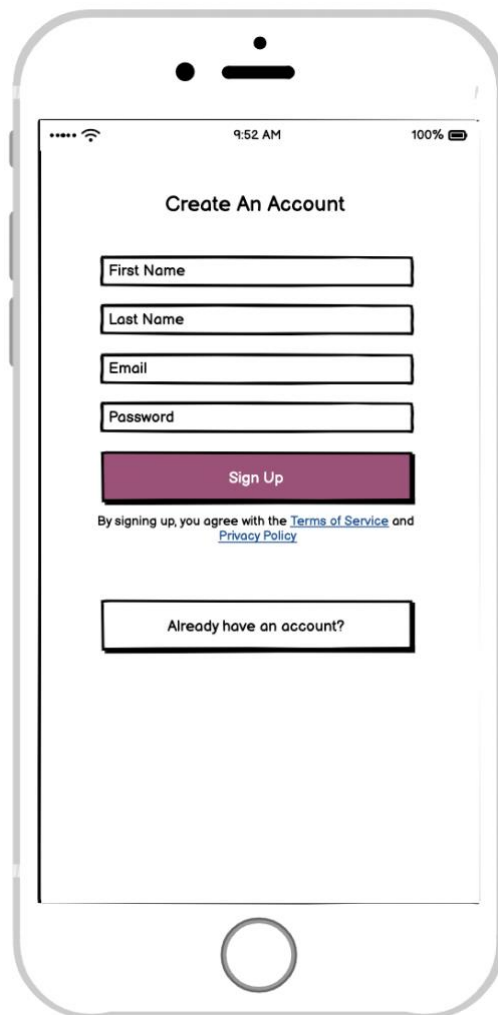
2.1.1 Function: Enter new password textbox, retype new password textbox, confirm changes button, about text field, Help button, privacy button and terms of service button.



Requirement 3: Create new account

3.1 Feature: New user account creation

3.1.1 Function: First name textbox, last name textbox, email textbox, password textbox, sign up textbox, already have an account button.

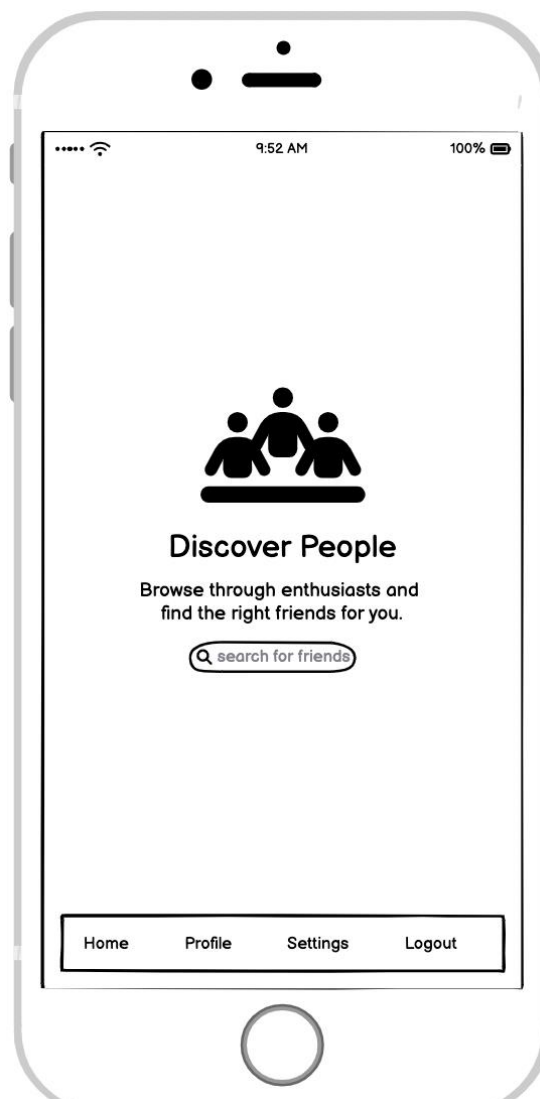


A mobile application mockup of a 'Create An Account' screen. The screen is displayed on a smartphone with a status bar at the top showing signal strength, time (9:52 AM), and battery level (100%). The title 'Create An Account' is centered at the top of the form. Below the title are four text input fields: 'First Name', 'Last Name', 'Email', and 'Password'. A purple 'Sign Up' button is positioned below the password field. Underneath the button, a line of text states 'By signing up, you agree with the [Terms of Service](#) and [Privacy Policy](#)'. At the bottom of the form is a button labeled 'Already have an account?'. The entire form is enclosed in a light gray border, and the phone's home button is visible at the very bottom.

Requirement 4: Account profile

4.1 Features: A Dashboard in which the user can view the people's profile based on their nearest location and swipe left or right for them to match and interact with each other.

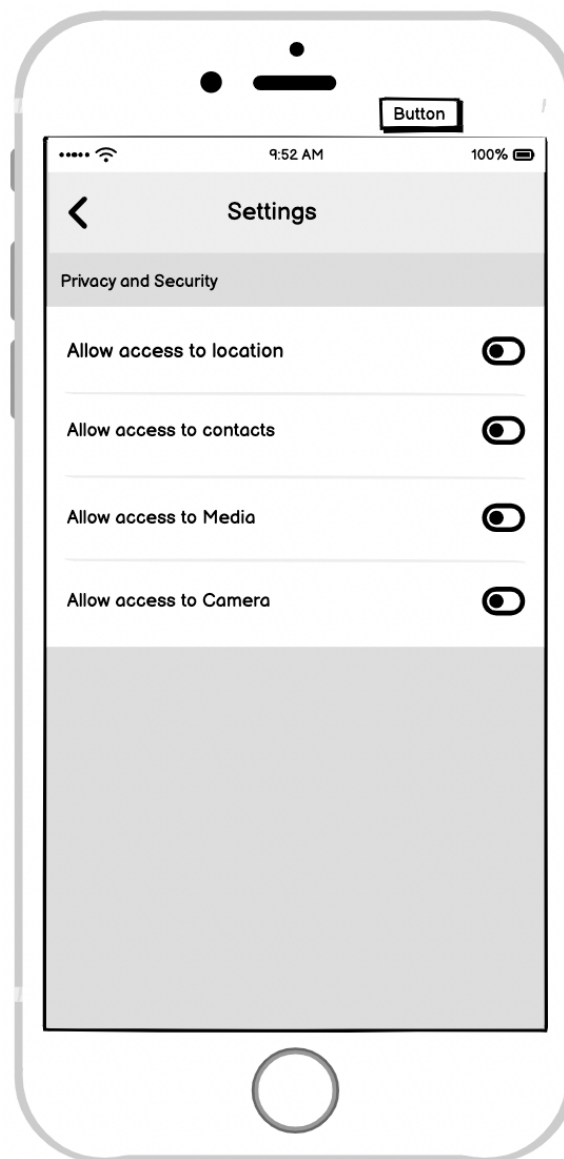
4.1.1 Functions: profile picture Box, Home button(footer), search button, profile button (footer) and settings button(footer).



Requirement 5: Settings

5.1 Features: The settings option provided at the bottom, gives us several options to choose from, wherein we selected privacy and security option, which in return has several access options like location, contacts, media, camera.

5.1.1 Functions: Back button, access location text and location toggle button, access to contacts text and contacts toggle button, access to media text and media toggle button, access to camera and camera toggle button.

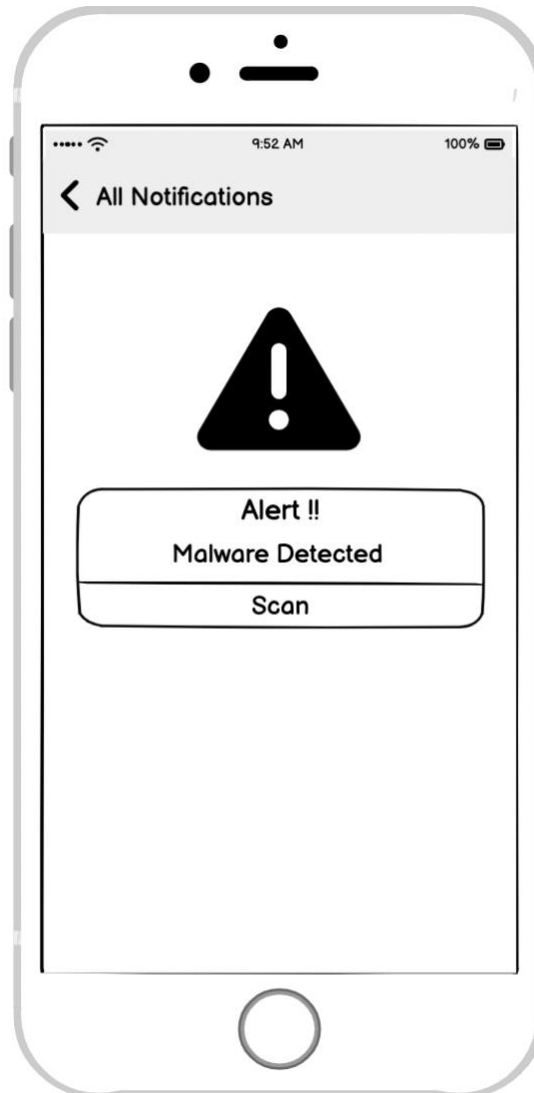


There are several strategies for security breach and data loss, apart from the requirements mentioned above there are other methods for protecting data. Notification or alerts from the system when viruses or any malwares are detected.

Requirement 6: Warning Notifications

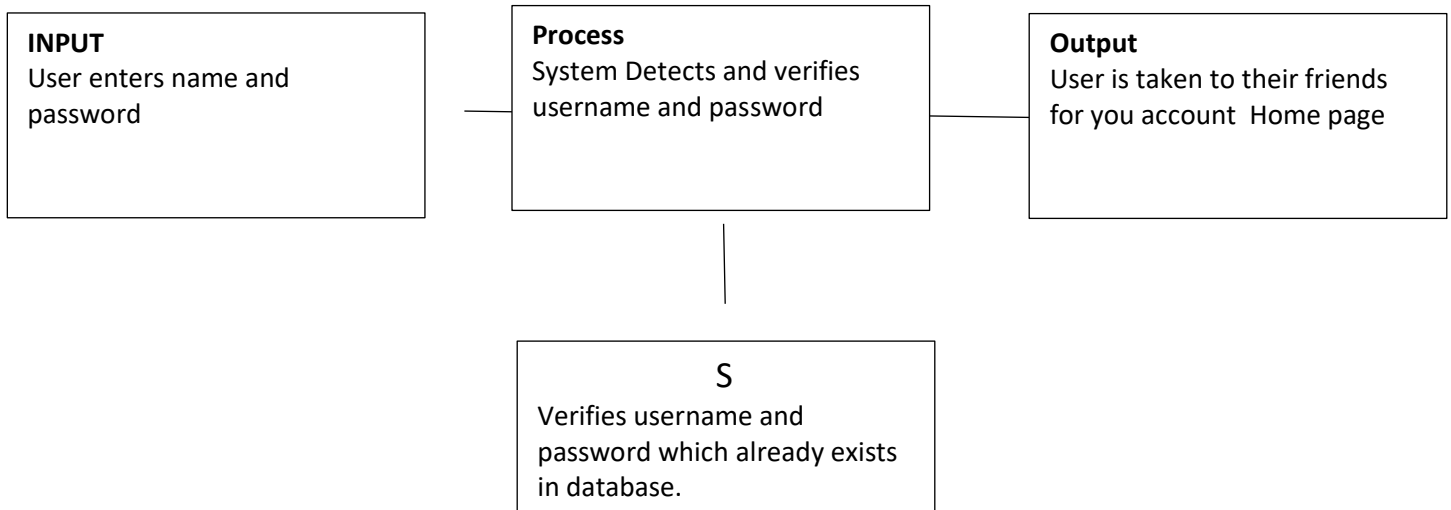
6.1 Features: User gets the notifications for any of the virus detected and shows as alerts or notifications.

6.1.1 Functions: back button and scan option.

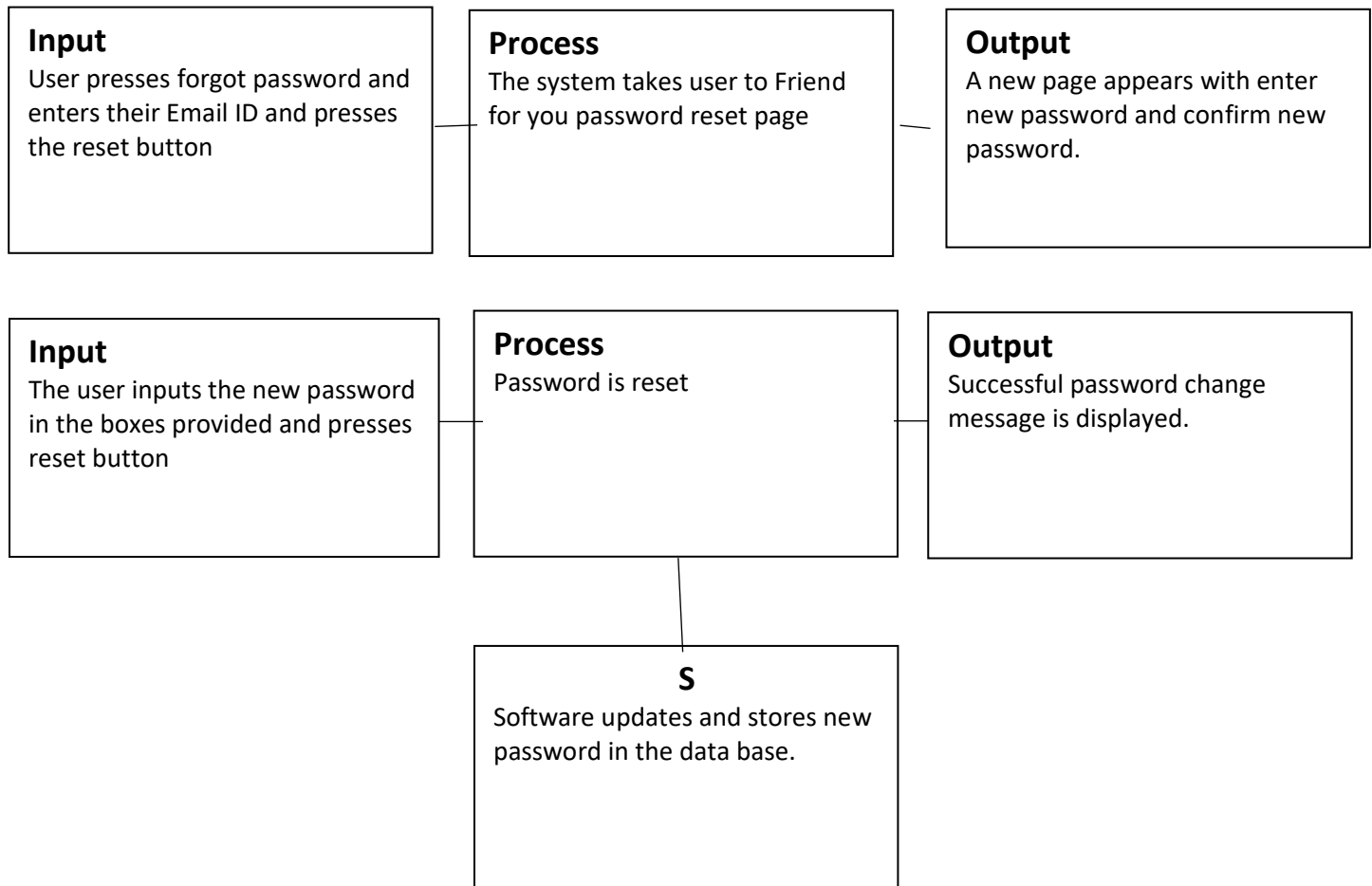


Requirements and Process Models

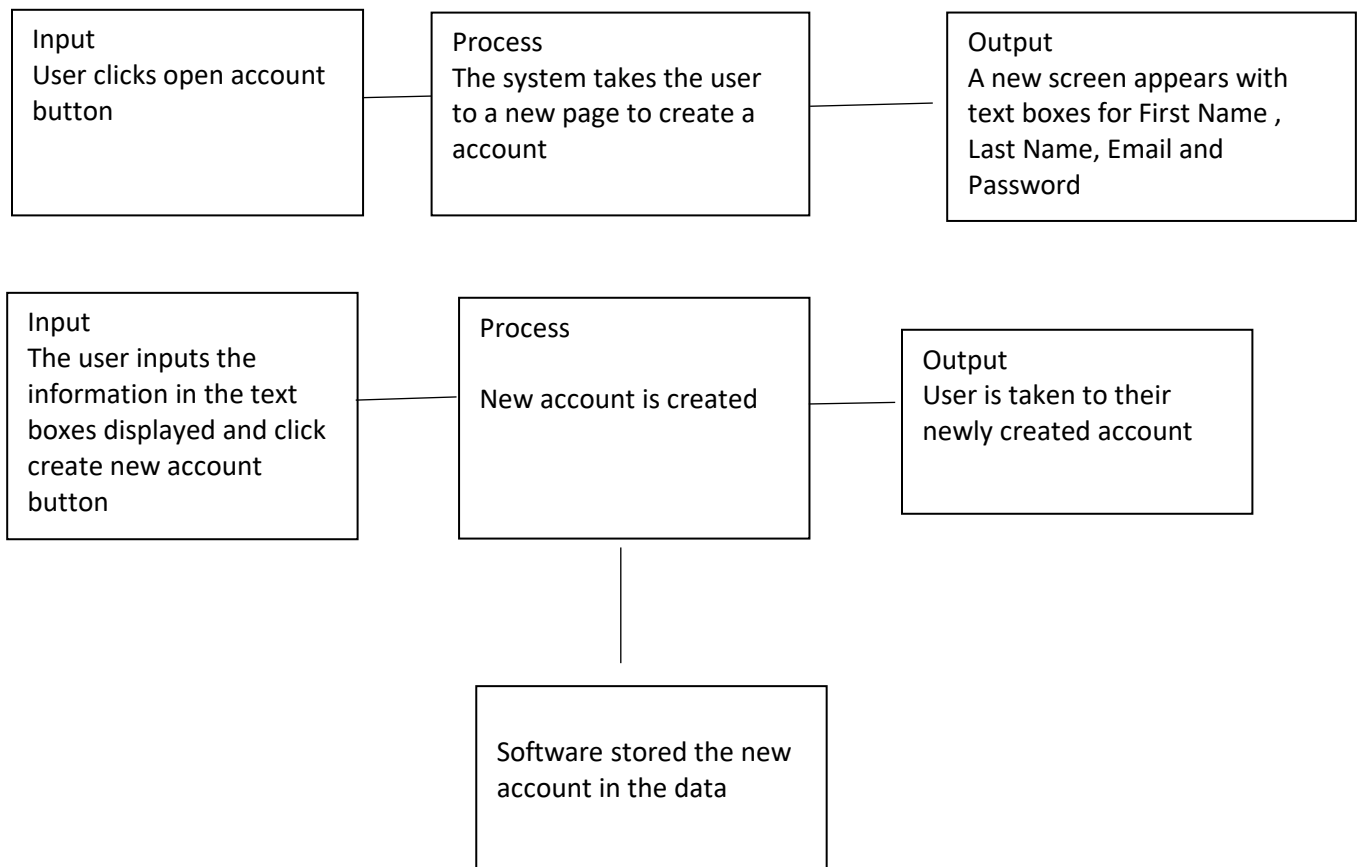
1. Login Screen



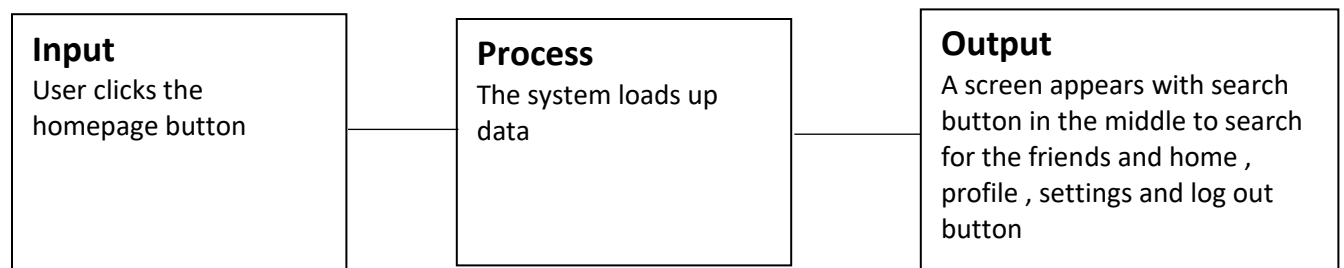
2. Password Reset



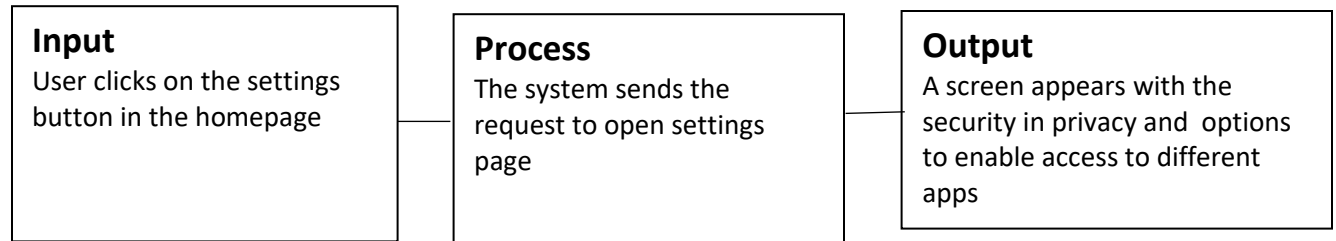
3. Create a New Account



4. Account Home Page



5.Settings



6. Notification

