

User Authentication

User Story

Notes

- As a customer, I want the App to support sign-up such that I have my own profile.
- None
1. As a customer, I want the App to support phone number sign-up and sign-in such that I don't have to remember more accounts.
 2. As a customer, I want the App to support Facebook account sign-up and sign-in such that I don't have to remember more accounts.
 3. As a customer, I want the App to support twitter account sign-up and sign-in such that I don't have to remember more accounts.
 4. As a customer, I want the App to support google account sign-up and sign-in such that I don't have to remember more accounts.
- As a customer, I want the App to support sign-in such that I have my own profile.
1. As a customer, I want the App to support phone number sign-in such that I don't have to remember more accounts.
 2. As a customer, I want the App to support Facebook account sign-in such that I don't have to remember more accounts.
 3. As a customer, I want the App to support twitter account sign-in such that I don't have to remember more accounts.
 4. As a customer, I want the App to support google account sign-in such that I don't have to remember more accounts.

Importance

Must

JIRA Task Breakdown

Acceptance Criteria

Condition	Action	Effect
Given that the user doesn't have a linked third-party account	When the user tries to sign in using the unlinked third-party account	Then the system will automatically link the third-party account, and the user will be directed to the hub page.
Given that the user has a linked third-party account	When the user tries to sign in using the linked third-party account	Then the user will be directed hub page.
Given that the user doesn't have an account	When the user tries to sign in using an unregistered account	Then the system will automatically detect that a new account has been entered and guides the user through all necessary sign-up steps.
Given that the user has an account	When the user tries to sign in using a registered account	Then the user will be directed hub page.
Given that the user exits our app without signing out	When the user opens our app again	Then the user will be directed to hub page. There is no need for signing in again as the user status is remembered by the.

Workflow

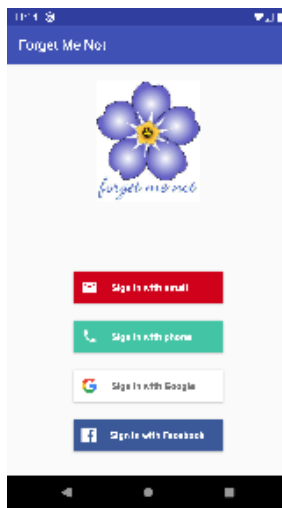
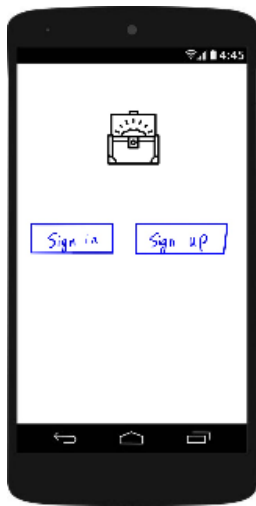
No.	Title	Version	Date	Content
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1	User Sign In	1	05 Sep 2019	<div> <div>sd UserSignIn</div> <pre> sequenceDiagram actor User participant Auth as AuthenticationModule User->>Auth: 1: input required Auth-->>User: 2: display result on the screen </pre> </div>
2	User Sign Up	1	05 Sep 2019	<div> <div>sd UserSignUp</div> <pre> sequenceDiagram actor User participant Auth as AuthenticationPage User->>Auth: 1: input required Auth-->>User: 2: display result on the screen </pre> </div>

Paper Prototype

No.	Prototype	Specification
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1



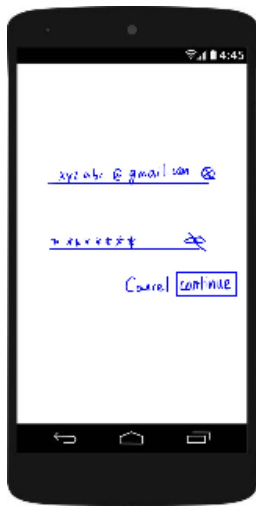
The view will show our application image in the middle with sign in and sign up buttons under it.

Press the buttons will navigate users to that page

The view shows different sign-in method for users to choose

If a user open our app for the first time and wants to sign in using email, the user can click "Sign in with email" button.

2



The view will show two text input line for user to fill its account and password, with two buttons of confirming and canceling sign in.

Press the cancel button will go back to welcome page

Press the next button will authenticate if the account is correct, showing authentication failed or navigate to home page.

The view shows two text fields, one for entering email address and one for entering password.

At first, the page only shows the one for entering email.

Our system can automatically detects new email address entered and makes the second text field visible for user to enter password.

3



The view will show inputs for user to fill his or her personal information in order to create own account, with two buttons of confirming and canceling sign up.

Press the cancel button will go back to welcome page

Press each text input user can fill corresponding information into it.

Press the next button will create account for user if all information have correct format, or showing creation failed.

The view shows one text view for user to enter preferred nickname, which will be used as the primary display name in our app, and a default avatar for user profile, which can be changed by clicking it.