WeTuffy

Faceless App

Written Requirements

Revision History

Authors	Description of Change	Section s	Rev	Date
Brandon	Initialize the revision history		0	3/18/19

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1. Team Description

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2. Terminology

The following table defined terms used within this document.

<define key terms used in your document that would not be commonly understood. Any terminology that is key to your system should be defined here. Any term you invented or that have special meaning within the context of your system should be defined here. Remove this blurb before completing document.>

Term	Definition
Sender	subset of User who is sending a message to Receiver
Receiver	subset of User who is receiving a message from Sender
Server	contains data of users.
User	contains sender and receivers. Interacts with the Server
Anonymous	hides identity of sender from the receiver
Temporary	messages are timed when opened. Disappears from inbox after allotted time
Customize	allows users to customize profile by adding a short description and an avatar picture
Hashing	anonymous messages dont have a unique ID. Making it difficult to identify the original sender of the message. The hashing of the ID comes from the sender's unique ID but will be hidden.

3. <FACELESS APP>

3.1. Overview

Faceless is an iOS

3.1.1. <Login>

when the app is launched, the app **shall** present the user with a page that allows the user to enter it's username and password.

If a user does not have an account then the user shall be able to create one by pressing the create account button.

3.1.1 a <Create Account>

if the user does not have an account and the "create account" button is pressed, they shall be presented with this page. This page displays two fields:

1. username

2. email

the user shall be able to enter their information and when pressing complete the account shall be created

3.1.2. <Main Page>

If the login was successful and validated, the user shall be brought to the main page of the program:

3.1.2. a <messages>

This is where the user can view their previous messages alongside sending new messages

3.1.2. b <search>

User is able to search for other users by their username or email address.

3.1.2. c <address/friends list>

User is able to retrieve a list of their friends and addresses

3.1.2. d <customize profile>

Page that allows users to modify their avatar picture and short bio.

3.1.3. <Messages>

On the main page the user is able to view all their previous/saved messages.

3.1.3 a <new message>

if the user presses the new message icon. The user shall be presented with a new message template. The new message has 2 fields:

1. recipient address - enter username here

2. the field where the user is able to enter the message which is to be sent to the

recipient

3.1.3 b <send options>

when the user presses the new message, the user shall be presented with two variants of send:

1. Temporary: this is an option when activated shall send the message for a limited time (30 seconds upon reading) and will be permanently deleted. The message wont be permanently saved on the server and can not be retrieved.

2. Anonymously this is an option when activated shall send the messages from a hashed account.

Hashing - run an algorithm that hashes the user ID of the sender. The hashed ID will end with 10 various accounts. (Example User ID = 24. Hashing is 10. 24/10 == **4**).

3. Temporary and Anonymous sending are not mutually exclusive. Both, one, or neither can be allowed per message.

3.1.4 <Serach>

when the user presses the search field, the user shall be presented with an option to search for another user on the service by either their username or their email associated with their account.

3.1.4. a <User Found>

If the user is found, then the app shall present the original user an option to add user to their friends list / address book

3.1.4. b <User Not Found>

if no user with either the email or username can be found, the app will return a value of “User not found” back to the original user.

3.1.5 <Address / Friends List>

when the user presses this tab, the app shall show a directory of all previously added friends.

3.1.6 <Customize Profile>

When the user presses this tab, the app shall allow the user to be able to add a short description (300 chars or less) and a small profile picture (avatar).