

Pistachio

Deliverable: User Manual

Team: Pistachio

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1. Installation and deployment:

Put on device. Open?

2. Main Features:

Creating a passkey: Once a user has the system deployed on their device, they will be able to create a passkey. Creating a passkey involves entering a tap sequence into your device, and repeating the sequence several times.

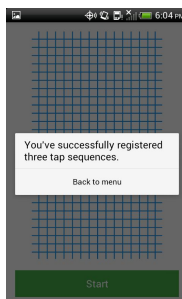
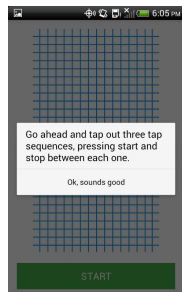
Attempting a passkey replication: After a user has created a passkey, the user may attempt to replicate the that tap sequence they entered into the system. Using a comparison formula, the application will decide whether the passkey was entered by the original creator of the passkey, or someone attempting a false entry.

Deleting an existing passkey: If a user is having difficulty replicating their own passkey, they will be able to delete their existing passkey and re-enter a new one.

Checking statistics: A user will be able to check a variety of statistics. These include; the number of passkey attempts, the number of accepted passkeys, the dissimilarity score needed for a successful passkey attempt, and the average rate of acceptance.

3. Main Feature Walkthrough:

Creating a new passkey tap sequence:



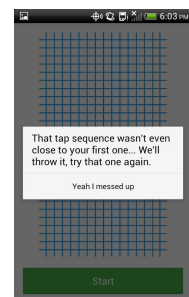
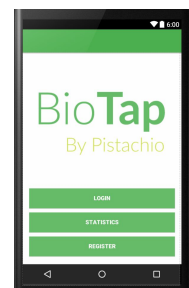
Step 1: From the Home/Menu screen, a list of three buttons will be displayed; Login, Statistics, and Register. Select the “Register” button.

Step 2: After selecting the register button, a new screen will appear prompting the user to tap out 3 sequences. Press Ok to continue.

Step 3: As indicated in the prompt, to begin a sequence, press the “START” button, and to end a sequence, press the “STOP” button.

Step 4: Repeat step 3 two more times. If you try to create a tap sequence that is different than the first entered sequence, you will be prompted to re-enter that last attempt.

Step 5: Once you have completed all new tap sequence, the application will send you back to the Home/Menu screen, and the sequence you enter will be the new login passkey.



4. Additional Features Walkthrough:

Attempting a passkey replication:

Step 1: First a passkey must be saved on the phone. If this has not been done yet, follow the steps in Main Feature Walkthrough.

Step 2: After a passkey is created, on the Home screen, press the “Login” button. Pressing this button will bring you to a screen similar to the screen from the Register page.

Step 3: On the Login screen, to press the “START” button.

Step 4: Tap the passkey attempt into the grad on the screen.

Step 5: When finished, press the “STOP” button.

Step 6: After the stop button has been pressed, the application will tell you whether the entered passkey was within the limits of similarity of the currently saved passkey.

Deleting an existing passkey:

Step 1: First a passkey must already be saved.

Step 2: When a passkey is already saved, click on the register button.

Step 3: Follow the instructions for creating a passkey. The system is setup to override any existing passkey when a new passkey is registered.

Viewing Statistics

Step 1: From the home/ menu screen press the Statistics button.

Deleting Statistics

Step 1: View the statistics

Step 2: Press the Delete Statistics button. This will reset all statistics to zero.

