



Peekaboo! Prototype Installation Guide

Winston S. | Derek H. | Karson L. | Jason L.

Introduction:

The Peekaboo! Check in Prototype is only available for installation onto a local MacOS computer and usage using the Expo Go or an iOS simulator. Users will need to install homebrew for MacOS, node.js, and Xcode to run the Peekaboo! prototype.

Installation Instructions:

1. To set up your MacOS computer for running Peekaboo!, follow the steps outlined in this [document](#).
2. Download the latest files of Peekaboo!
 - a. Using Git command line
 - i. Using the MacOS terminal, navigate to your desired installation location using the **cd** command.
 - ii. Run the following command to download the latest files
> **git clone <https://github.com/wshumchurchill/cs147-final-project.git>**
 - b. Manual Download
 - i. Download the zip file directly from the github repository from <https://github.com/wshumchurchill/cs147-final-project>
 - ii. Navigate to your desired installation location and unzip the zip file.
3. Install required dependencies for Peekaboo!
 - a. Install [Node.js](#).
 - i. You can check if you have Node.js installed using the following command: > **node -v**
 - b. Using the MacOS terminal, navigate to the installation location using the **cd** command.

- c. Run **yarn install** to install the packages necessary for running on the iOS simulator
4. Running Peekaboo!
 - a. Using the MacOS terminal, navigate to the installation location using the **cd** command.
 - b. Run **npx expo start** to start the simulator
 - c. Wait for the app to load. You will see a QR code with a list of instructions. Press "i" in the terminal to "Run on IOS simulator"
 - d. When the iOS simulator has finished loading, the prototype is ready to be used.

Hard-Coded Aspects:

In order to create the experience of a fully functioning app, there are several parts of the app that are hard coded.

1. The logged in user (Karson) cannot be changed.
2. The Check in location is always set to Stanford, California.
3. The number of trivia questions for the trivia activity is always set to 2 regardless of number input.
4. The image that corresponds to activity always displays a fully correct trivia response.
5. Profile page is hard-coded

Wizard of Oz Aspects:

In order to create the experience of a fully functioning app, there are several experiences that had to be simulated.

1. There is no functioning camera, so the camera functionality had to be simulated.
2. There is no system to generate custom trivia questions, so the generation of custom trivia questions had to be simulated.
3. There are no other users, as Peekaboo! is still a prototype, so group members had to be simulated.
4. There are no other users, so visibility controls in Group Management had to be simulated

5. Other check-ins on the home feed page are simulated

Limitations:

There are several limitations of the Peekaboo! Prototype. Previously mentioned limitations (hard-coded aspects & Wizard of Oz) will not be repeated here.

1. There are only a limited number of emojis to select for a check in mood.
2. When text is too long for a text display field, the text gets truncated unnaturally and may no longer be intelligible.
3. There is a maximum number of 15 group members both for editing membership in a group and displaying in a group.
4. Only Trivia is implemented as an activity. The other activities are not clickable or otherwise accessible.