Co-Fi is an application that will use the camera of a given smartphone to detect wifi passwords at coffee shops from text. The app will then ask the user if they would like to copy the password to their clip board. From here the user can then pass the password into the

password field when trying to connect to wifi. The app will store the password with the users

location, if another user enters the same coffee shop the app will automatically recognize the

saved wifi password for that location. User will also be able to post reviews of coffee shops as-well as fallow other users and coffee shops to have their post appear on their newsfeed. This app is targeted for not only coffee enthusiast but all people who enjoy a nice cup of coffee. The user interface for the app will include a newsfeed, a hamburger style menu, a coffee shop list page as-well as a page for each individual coffee shops that include a description and reviews. The interface will also include a friends page, a listing of current friends the user fallows with search and add features. A user profile page will also be included, with information about the user and their reviews. The app’s interface will also have a capture button this button will launch the user’s camera, this page will contain buttons for flip camera and capture. Once the camera scans a password the password will appear at the bottom of the screen as clickable text. Clicking the text will copy it to the user’s clipboard.