

CS442 Mobile Application Development Team 5

1. Topic Name

Wireless Mouse and Keyboard

It is an app that transforms your android phone not only to a mouse and keyboard but also a magic control for your power point, from where you can get a lot of fun. It is great for netbugs, gamers, and other people who have to use computer a lot in their daily life. There are two components for this application, the android app and the desktop server. We develop both of them. User do not need to create an account to use it, just install the app on your android phone and let the server run on your computer, after you input the server computer IP address and click on Connect button, now you can enjoy this app for remote access and have great fun.

Target person: People who spend a lot of time using computer. They can free their hand from real mouse and keyboard.

2. Feature Lists

- (1) Easy server and app setup, that just works.
- (2) Click, touch, slide and input through a touch pad and virtual keyboard to make control of your mouse and keyboard on computer.
- (3) Support single touch mouse control.
- (4) Two onscreen mouse control with double-click and right click functionality.
- (5) Use either in portrait mode or landscape mode.
- (6) Support user to change the background of the touch pad.
- (7) Support user to hide keyboard when it is showing there.
- (8) Works both under WIFI and Internet network.
- (9) Support power point control to facilitate user's presentation.

3. UI Design and Diagrams

- (1) 70% of the UI for this app that we are planning to develop are showing in final page.
- (2) The following page shows screenshots that we have created in phase 1.

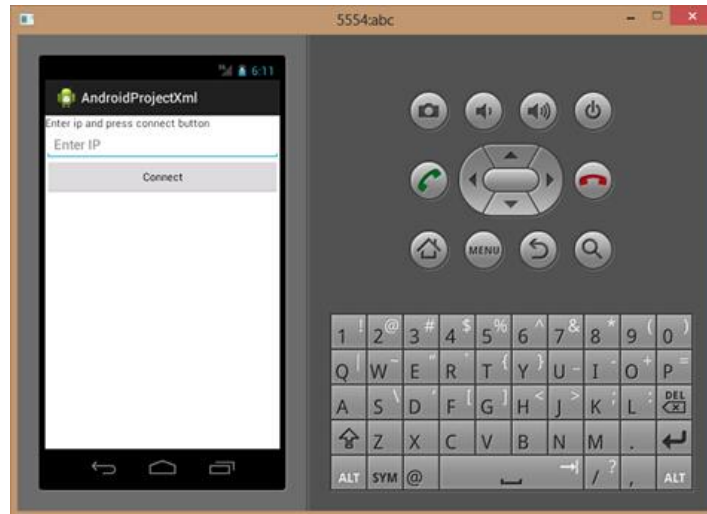


Figure 1 Main Screen

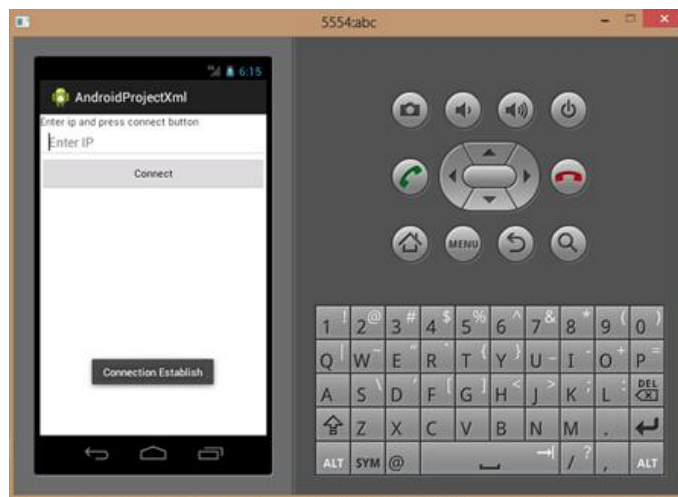


Figure 2 Connected with computer server

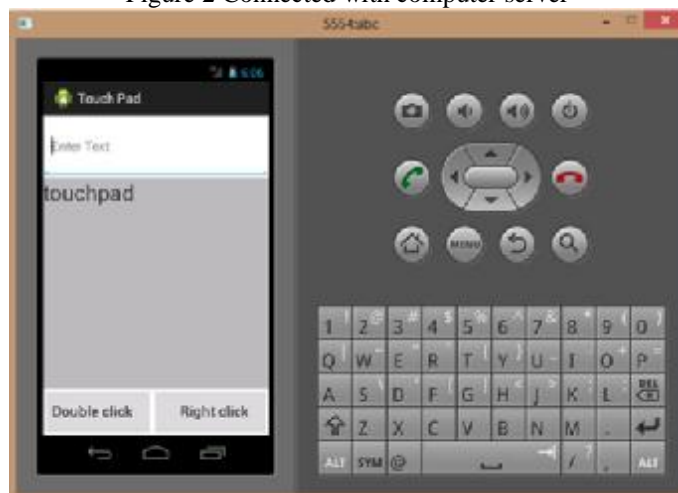


Figure 3 Mouse and keyboard control screen

