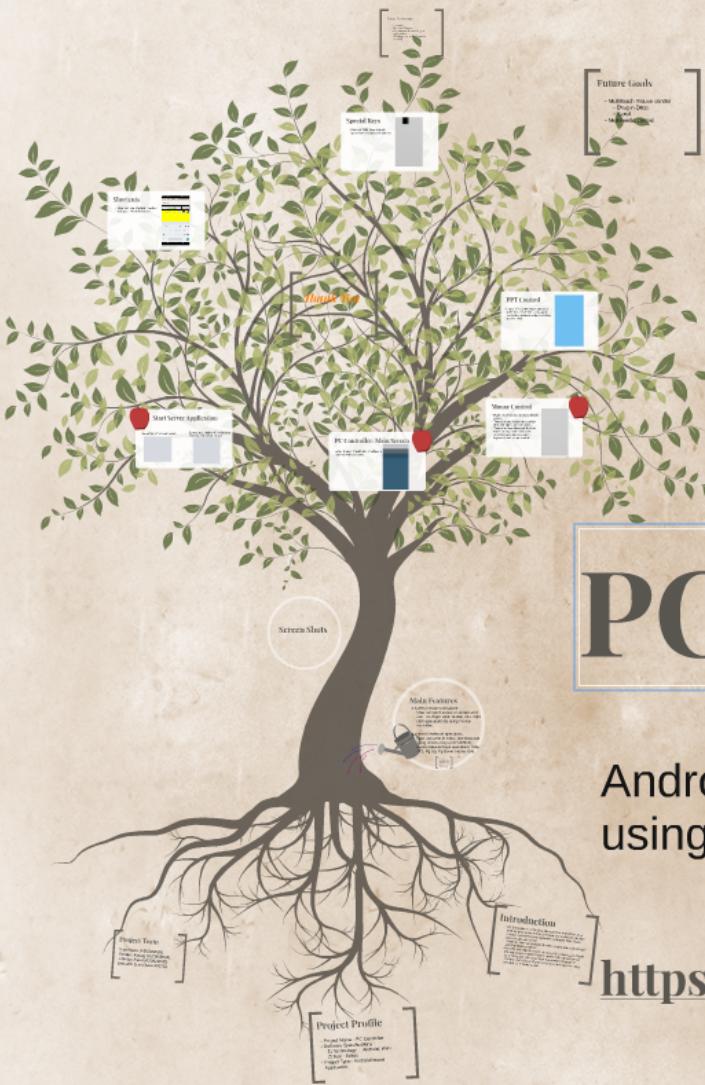


# PC Controller

Android Application to Control Mouse and Keyboard using Wi-Fi

[https://github.com/chintan-29/CS442-Team\\_5](https://github.com/chintan-29/CS442-Team_5)



# PC Controller

Android Application to Control Mouse and Keyboard using Wi-Fi

[https://github.com/chintan-29/CS442-Team\\_5](https://github.com/chintan-29/CS442-Team_5)

# Project Team

Yaw Asare (A20265539)

Yanqun Kuang (A20302633)

Chintan Patel (A20329245)

Krutarth Soni (A20340570)

# Project Profile

- Project Name : PC Controller
- Software Specifications :
  - 1) Technology : Android, WiFi
  - 2) Tool : Eclipse
- Project Type : Android based Application

# Introduction

- PC Controller is android application that transforms your android phone not only to a mouse and keyboard but also a magic control for your personal computer, from where you can get a lot of fun.
- There are two components for this project, the android app and the desktop server.
- 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.

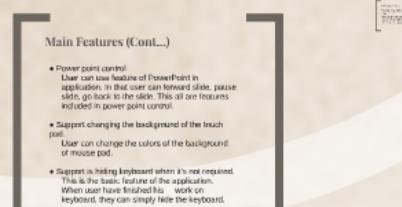
# Main Features

- Control mouse operations :

User can point cursor on screen and can do single click, double click, right click operations by using mouse operation.

- Control Keyboard operations.

User can write in editor, use shortcuts using shortcut keys(Ctrl/Alt/Shift), Control special keys operations. Help->F1, Pg Up, Pg Down, Home, End.



# Main Features (Cont...)

- Power point control

User can use feature of PowerPoint in application. In that user can forward slide, pause slide, go back to the slide. This all are features included in power point control.

- Support changing the background of the touch pad.

User can change the colors of the background of mouse pad.

- Support is hiding keyboard when it's not required.

This is the basic feature of the application.

When user have finished his work on keyboard, they can simply hide the keyboard.

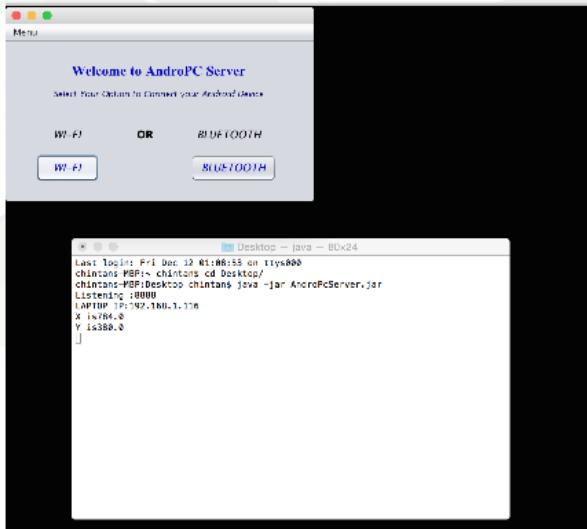
# Main Features (Cont...)

- Works under WIFI connectivity.  
Under the connectivity of WIFI this application works.
- Easy server and app setup, that just works.  
It's very easy to setup app. In main folder of application server file is exist when user run it in desktop it will show IP address, and user enter that IP address to run application in mobile.

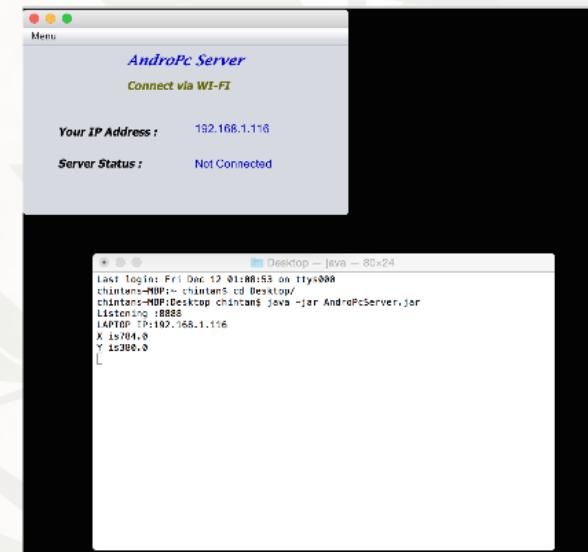
# Screen Shots

# Start Server Application

Select Wi-Fi for connection

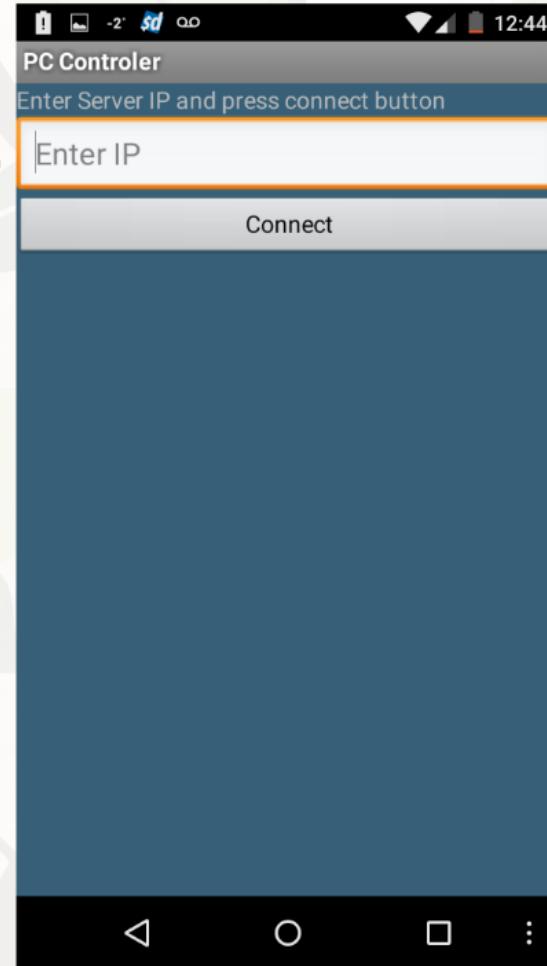


Server app Display IP Address to connect and Server Status



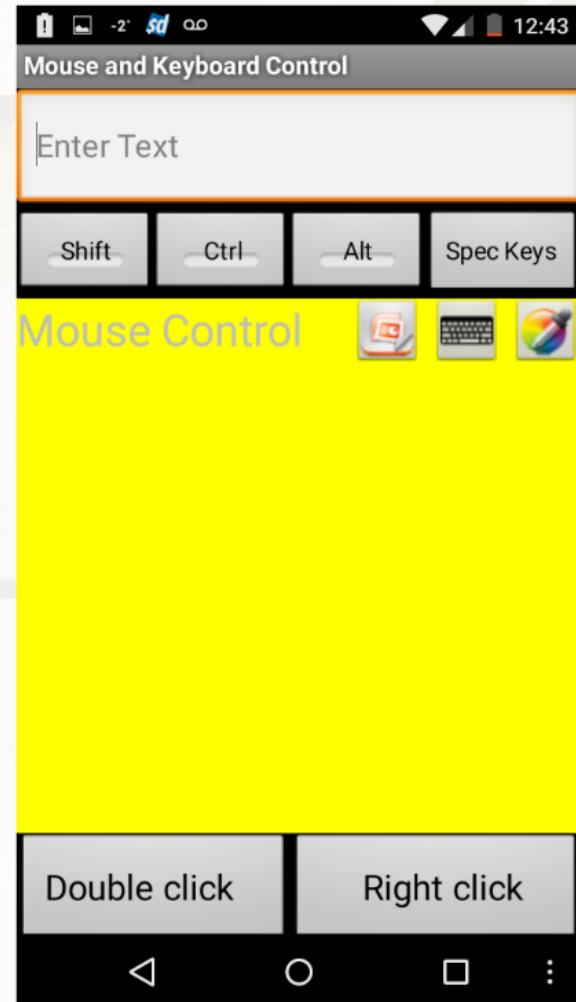
# PC Controller: Main Screen

Enter Server IP Address in textbox to connect with computer.



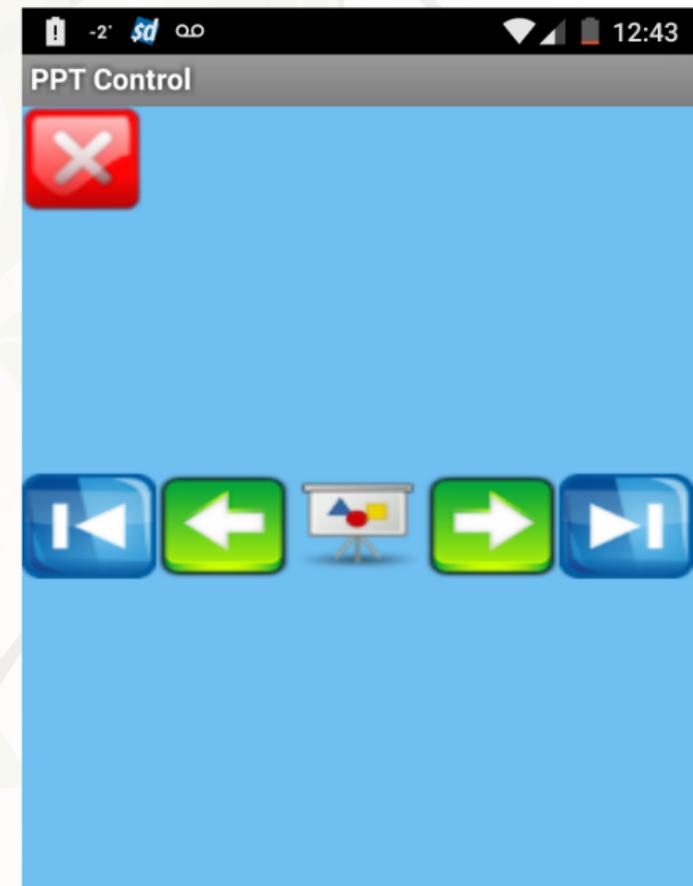
# Mouse Control

- Mouse Control area to move mouse pointer.
- There are two Buttons for double-click and right-click operations.
- There are three image buttons on top for change color of Mouse-Control area, hide onscreen-keyboard and for ppt control.



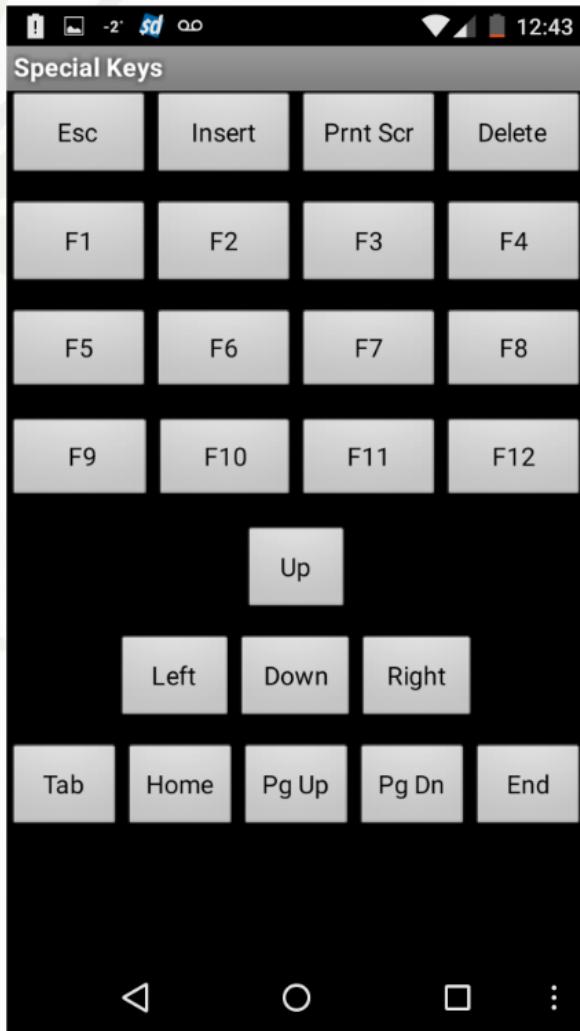
# PPT Control

- From PPT Control user can start slide show, end slide show, go to next slide, previous slide, first slide and last slide.



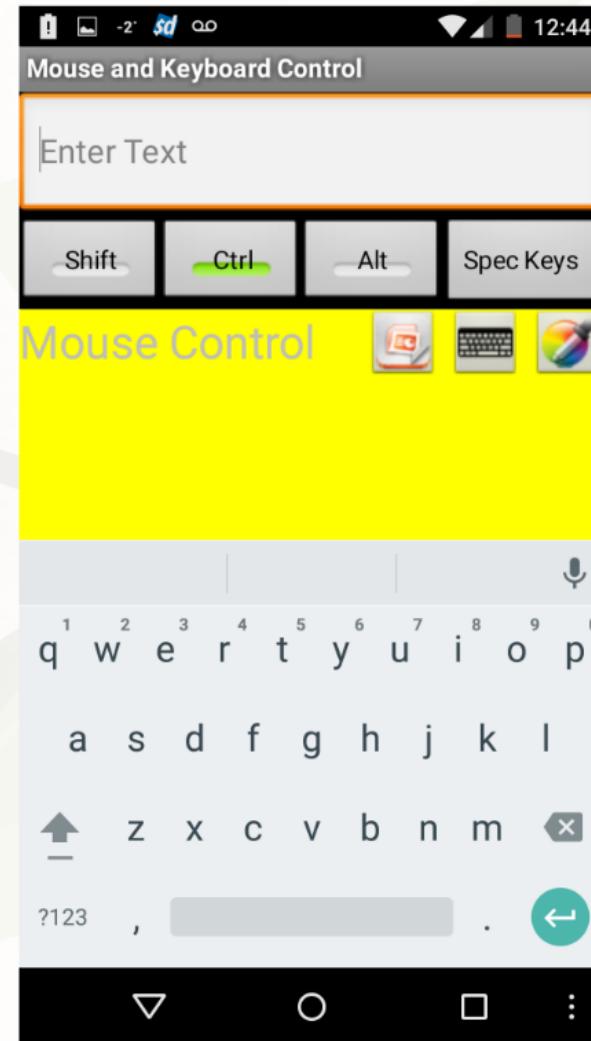
# Special Keys

- User can fulfill special keys operations of physical keyboard



# Shortcuts

- User can use shortcut in editor. using Ctrl,Alt,Shift buttons.



# Target User Groups

- Students
- Business Persons
- Any person who want to give presentation  
(Professors,students,business annalist)

# Future Goals

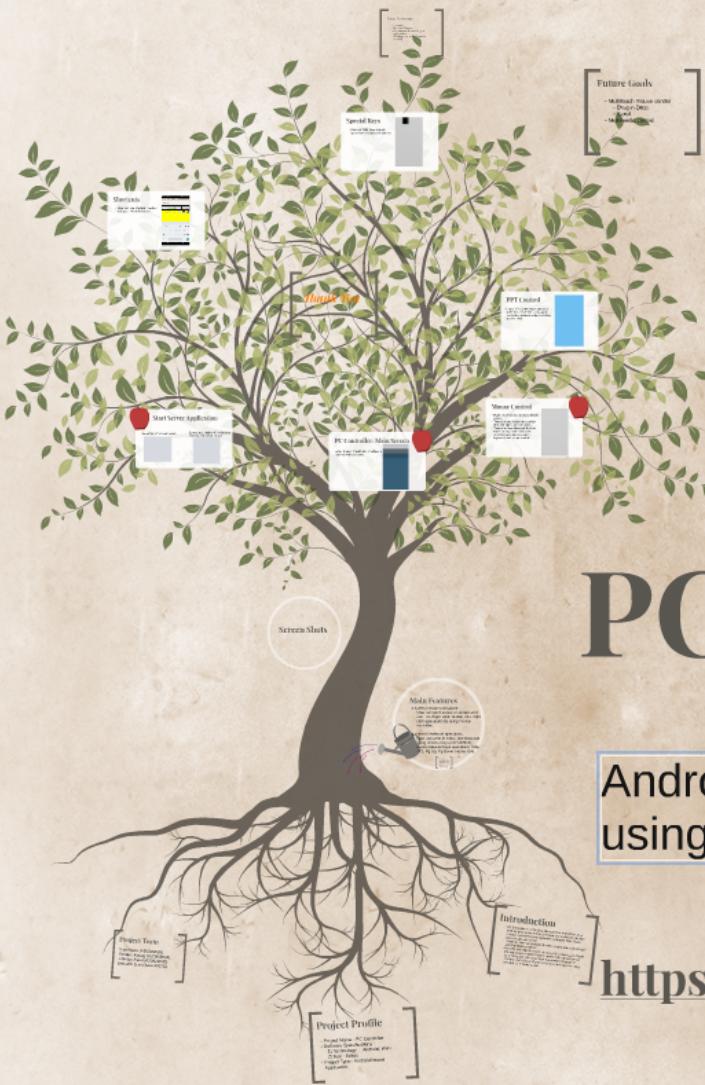
- Multitouch mouse control
  - Drag-n-Drop
  - Scroll
  - Multimedia control



# *Thank You*



Prezi



# PC Controller

Android Application to Control Mouse and Keyboard using Wi-Fi

[https://github.com/chintan-29/CS442-Team\\_5](https://github.com/chintan-29/CS442-Team_5)