

Summer Intern Project Report

Complex Networks Research Group

Department of Computer Science and Engineering

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Desktop Notification App (Android App)

Submitted By

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Introduction

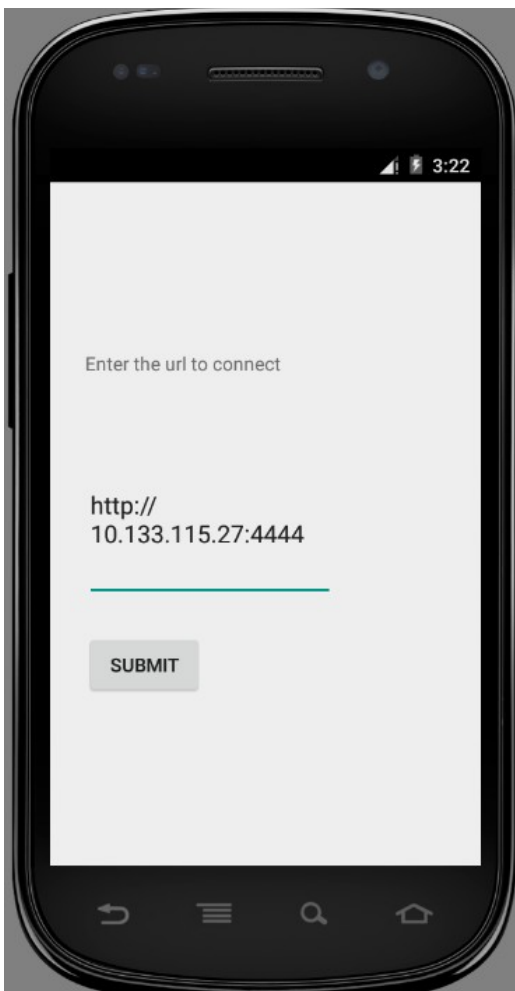
Desktop Notification App is a basic android app built on Android Studio. The app connects the computer and android mobile via a http server and client and displays a notification on the computer screen on every new incoming short message service(SMS) or new phone call. Once the notification is displayed the user can view the message contents as well as reply to the received sms from the desktop. The user can also send new sms from the computer once connected with the mobile.

App Features

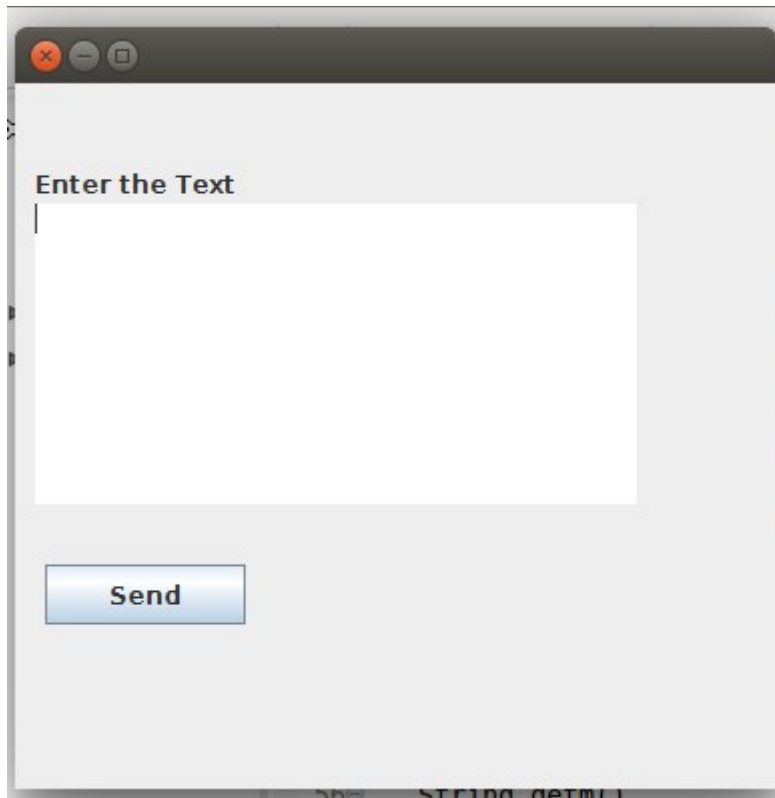
- **Compatible with Android Jelly Bean and higher versions.**
- **Desktop App is built in eclipse(Java)**
- **Displays a new notification pop-up on the desktop screen on new SMS and phone call.**
- **Sends new SMS from Desktop**
- **Sends reply message from Desktop**
- **Sync the contact list from the mobile to the computer.**

**The complete code of the project can be found at:
<https://github.com/singharpit94/Project>**

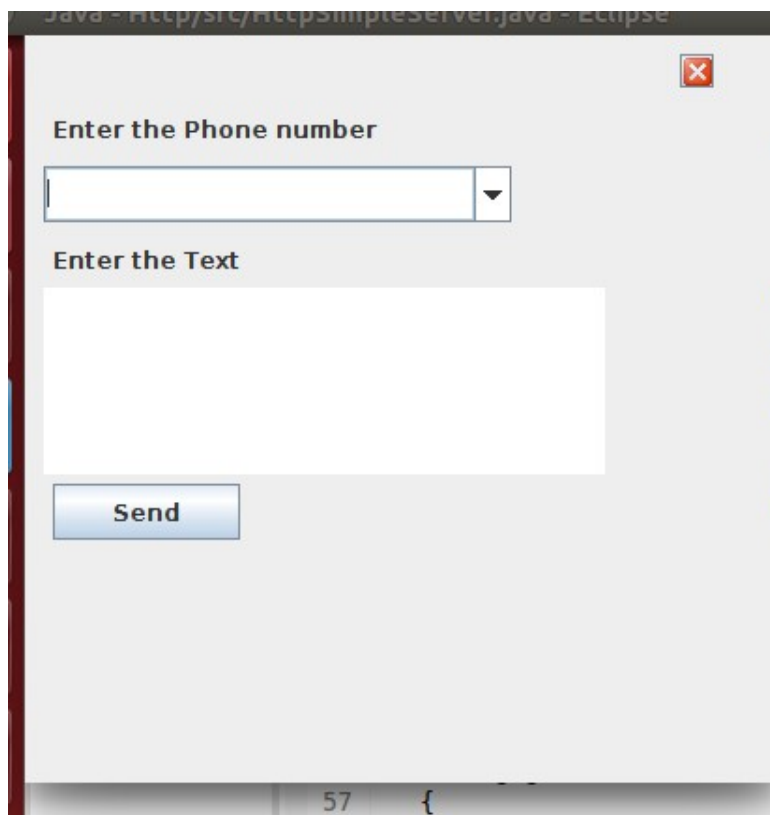
Sample Demonstration of the app



**This is the front screen of the Android app.
There is an input field which takes the ip
address of the computer. After entering a valid
ip address the android mobile gets connected
with the computer.**



This is the dialog frame which appears when the user clicks on the Reply button. The user can type the contents in the Text Box and send the reply from the computer.



This is the dialog frame from which the user can send a new SMS from the computer. The user can select the client from the contact list of the mobile or type a new number. On clicking the Send Button the SMS is sent from the computer.