

Lab Assignment II

Report

Application Name: Text to Speech Converter.

Application Function: It converts the Text typed in the given box to speech and instantly speaks out.

Tools Used:

Android Studio 1.5.1

API's Used:

Google Text to Speech Engine API

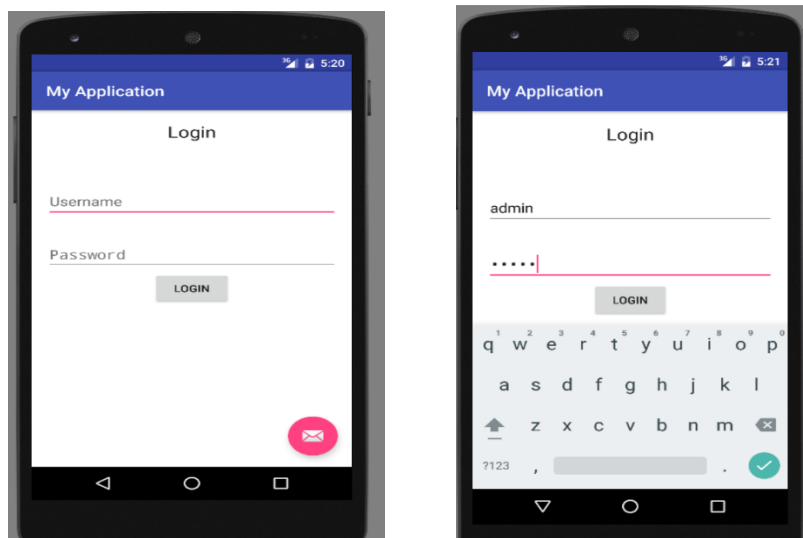
Number of XML Pages: 2

A Login Screen

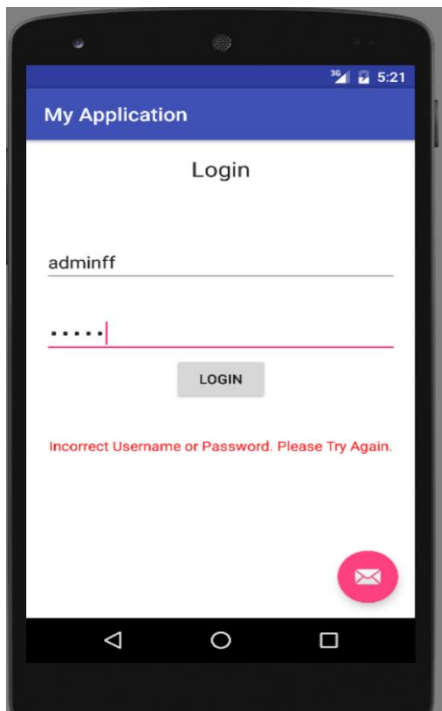
A Main Activity Page

Working:

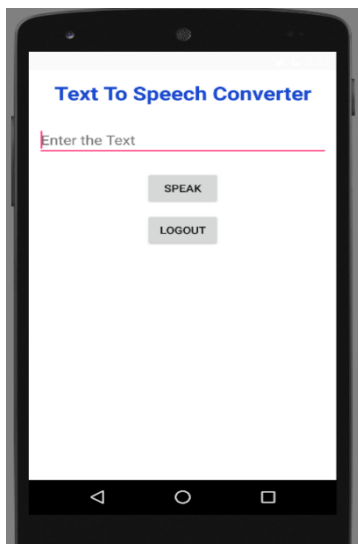
1. First when the app is started a Login page is Displayed as below



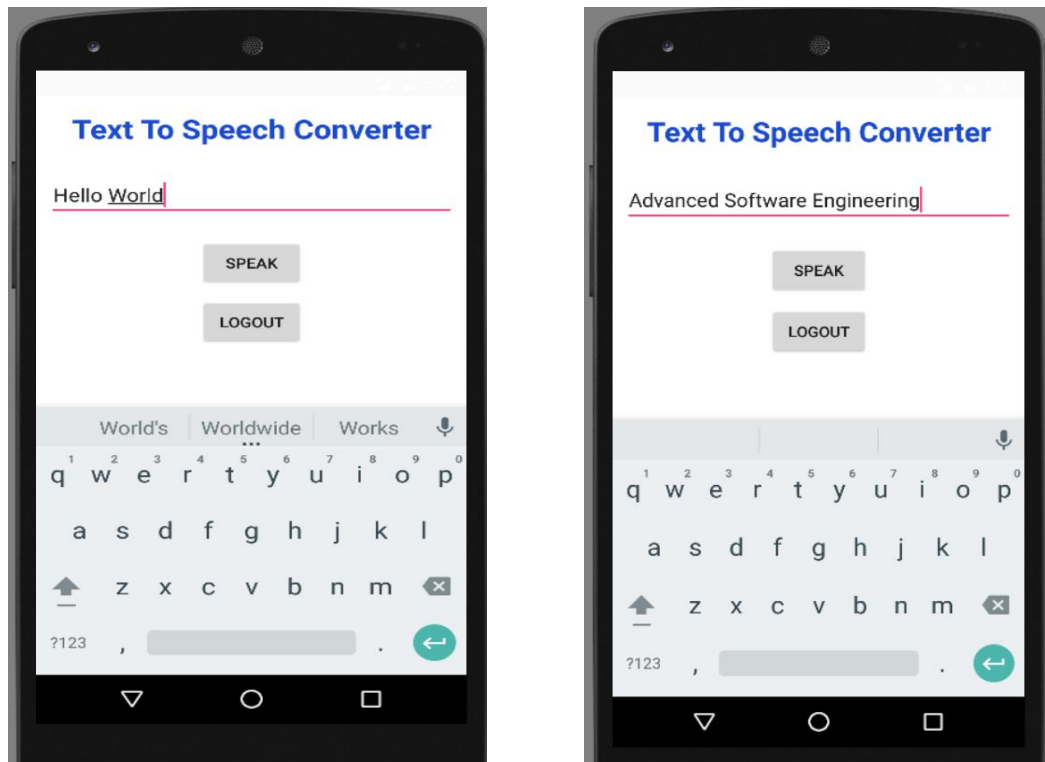
2. When an Incorrect Username or Password is typed, an error message is shown as below.



3. On Successful Login the App redirects from Login Page to Main Activity Page



4. When a text is typed in the Given Text Box and Clicked on the Speak Button. The Typed Text will be Spoken out. (Note: This requires an active Internet Connection). After that the user can logout using the Logout Button and will be redirected to Login Screen.



Main Classes Used:

TextToSpeech.OnInitListener Class.

References:

<http://developer.android.com/reference/android/speech/tts/TextToSpeech.html>

<http://code.tutsplus.com/tutorials/android-sdk-using-the-text-to-speech-engine--mobile-8540>