

getNote

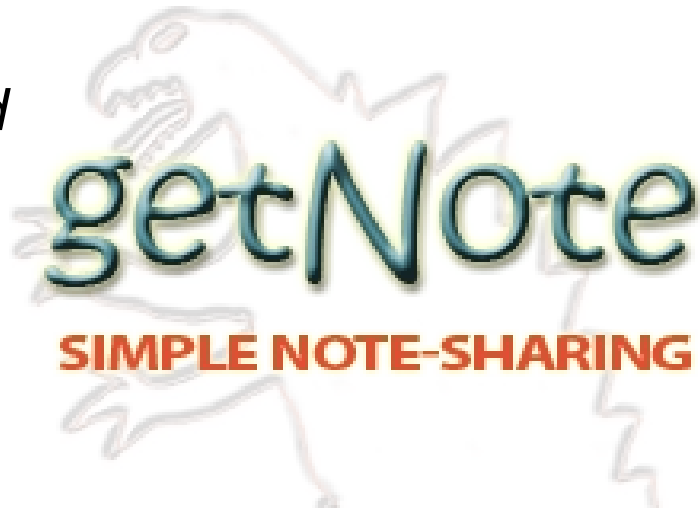
Student: Matthew Harris

Advisor: Dr. Melody Stapleton

Client: <http://www.getnote.org/>

*Acknowledgment: noteZilla Team
Kevin Kane, James Weir, Michael Wood*

Project: Android® application

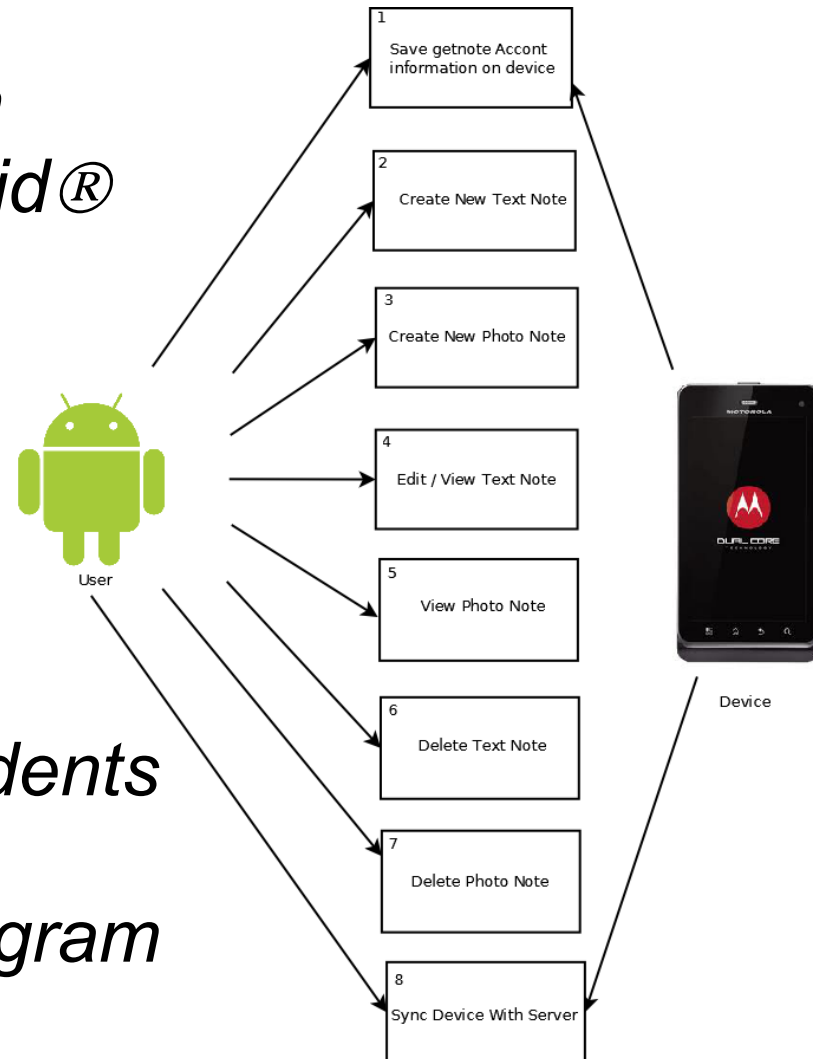


Project Description

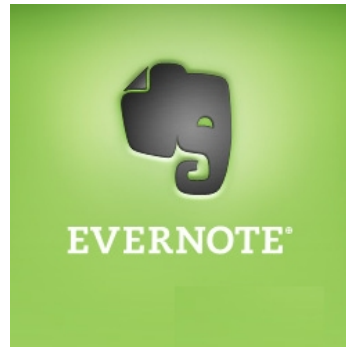
Goal: My goal is to deploy an effective, user-friendly Android® application for note sharing.

Users: CSU Chico CSCI Students

Features: See Use Case Diagram



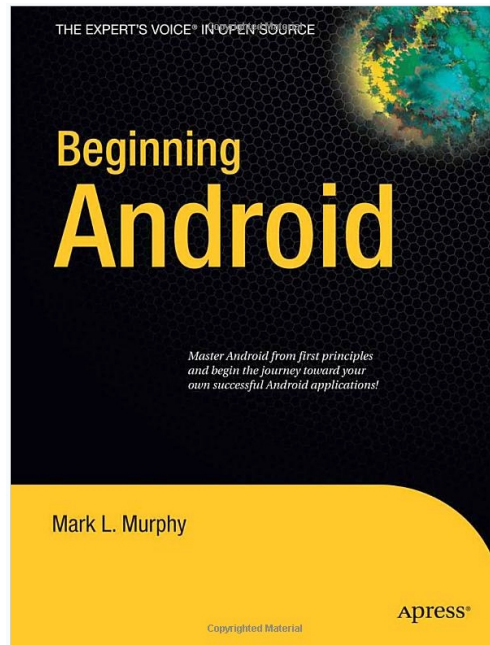
Preliminary Investigations



android
developers
<http://developer.android.com/index.html>

Tutorial: Android Application Development - A 9,000 foot overview

MarakanaTechTV 84 videos 



http://www.youtube.com/watch?v=Mf7z_mrce00&feature=mh_lolz&list=PLD869470DC94FCAFE

Anticipated METHODOLOGIES & TOOLS

Framework

- *Android® SDK*

General Deployment Plan

- *Rapid Development*

General Test Plan

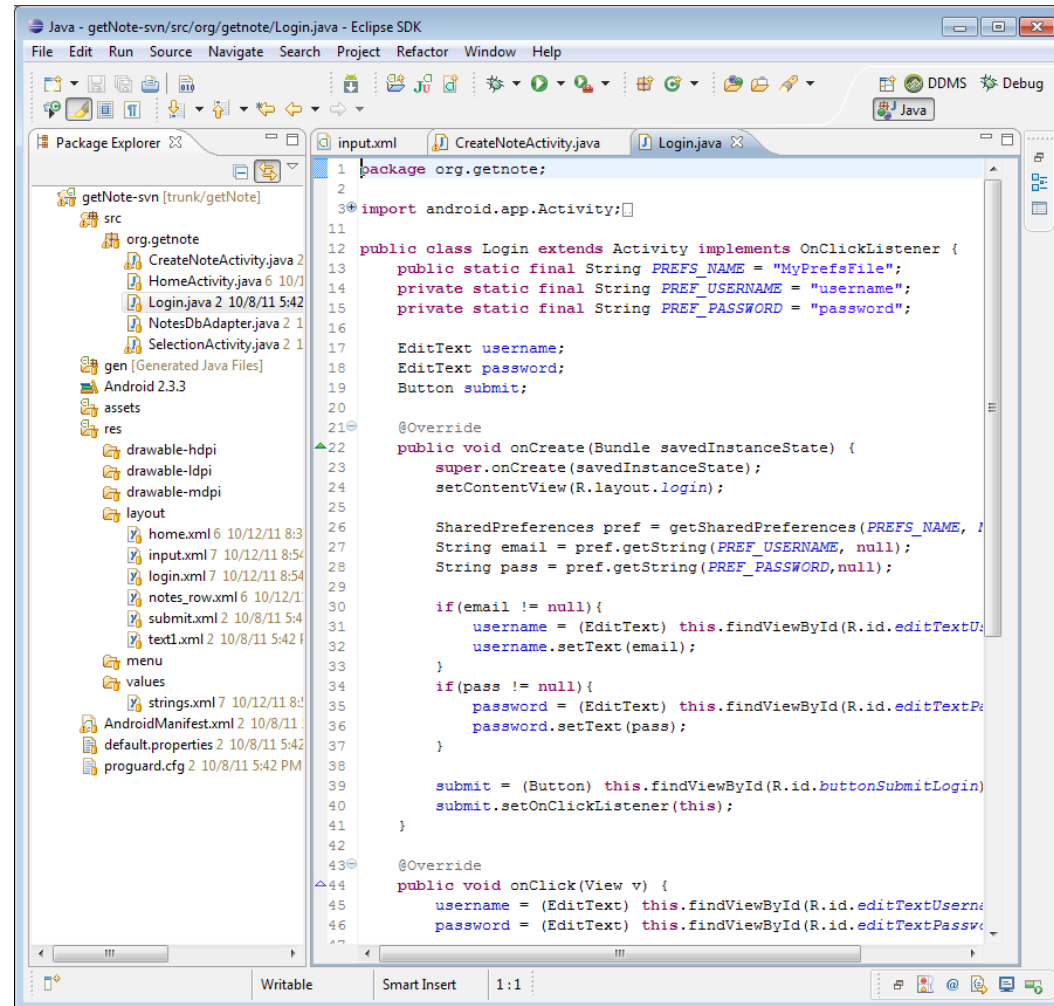
- *Self & Users*

Development Platform

- *Eclipse*

Development Phases

- *Iterations (4)*



```
1 package org.getnote;
2
3 import android.app.Activity;
4
5
6
7
8
9
10
11 public class Login extends Activity implements OnClickListener {
12     public static final String PREFS_NAME = "MyPrefsFile";
13     private static final String PREF_USERNAME = "username";
14     private static final String PREF_PASSWORD = "password";
15
16     EditText username;
17     EditText password;
18     Button submit;
19
20
21 @Override
22 public void onCreate(Bundle savedInstanceState) {
23     super.onCreate(savedInstanceState);
24     setContentView(R.layout.login);
25
26     SharedPreferences pref = getSharedPreferences(PREFS_NAME, MODE_PRIVATE);
27     String email = pref.getString(PREF_USERNAME, null);
28     String pass = pref.getString(PREF_PASSWORD, null);
29
30     if(email != null){
31         username = (EditText) this.findViewById(R.id.editTextUsername);
32         username.setText(email);
33     }
34     if(pass != null){
35         password = (EditText) this.findViewById(R.id.editTextPassword);
36         password.setText(pass);
37     }
38
39     submit = (Button) this.findViewById(R.id.buttonSubmitLogin);
40     submit.setOnClickListener(this);
41 }
42
43 @Override
44 public void onClick(View v) {
45     username = (EditText) this.findViewById(R.id.editTextUsername);
46     password = (EditText) this.findViewById(R.id.editTextPassword);
47     String email = username.getText().toString();
48     String pass = password.getText().toString();
49     if(email != null && pass != null){
50         SharedPreferences.Editor editor = pref.edit();
51         editor.putString(PREF_USERNAME, email);
52         editor.putString(PREF_PASSWORD, pass);
53         editor.apply();
54     }
55 }
```

Challenges & Choices

Significant challenges or obstacles

- *Teaching myself the Android® SDK*
- *Time Management*
- *Feature Creep*



Choices I made and reasoning

- *File name holds all note information, due to some limitations of the web server.*

Limitations posed by my approach

- *Users will only come from CSU Chico*



STATUS



1 Save getnote Account information on device



2 Create New Text Note



3 Create New Photo Note

4 Edit / View Text Note

5 View Photo Note



6 Delete Text Note

7 Delete Photo Note

8 Sync Device With Server

