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login.xml

```
<textview "Login title" />  
<button "Login w/ Facebook" onclick = flogin />  
<button "Login w/ GMail" onclick = gmlogin />
```

login.java

```
public void flogin (View view) {  
    //Send the user to facebook  
    // to login  
    Intent intent =  
    new Intent (Facebook login);  
}
```

```
public void gmlogin (View view) {  
    // send the user to gmail  
    // to login  
    Intent intent =  
    new Intent (Gmail login);  
}
```

University.xml

```
<LinearLayout xmlns: android:layout_width="match_parent" android:layout_height="match_parent">  
    <EditText android:id="@+id/editText1" android:layout_width="match_parent" android:layout_height="wrap_content" android:hint="Type in the name of university" android:inputType="text" android:imeOptions="actionNext" android:imeActionLabel="Next"/>  
    <Button android:id="@+id/button1" android:layout_width="match_parent" android:layout_height="wrap_content" android:text="Done with choosing university" android:onClick="onDoneClick"/>  
    <Button android:id="@+id/button2" android:layout_width="match_parent" android:layout_height="wrap_content" android:text="Click on the university to choose" android:onClick="onChooseClick"/>
```

University.java

```
public void ChooseUniversity (View view) {  
    MainActivity.this.finish();  
    Intent intent = new Intent (MainActivity.this, ClassActivity.class);  
    startActivity(intent);  
}  
  
public class MainActivity extends ActionBarActivity {  
    // make the textfield of university list into button  
    // move on to the class adding activity  
    // when the user clicks the button  
}
```

enterClasses.xml

```
< TextView "Add your classes!" />  
< EditText (class entry) onchange = LoadClasses />
```

enterClasses.java

```
public void LoadClasses (View view) {  
    // change XML to include buttons of classes →  
    // < button "SI 543" onclick = add class />  
}  
  
public void addclass (View view) {  
    // add class to user's class list  
    // add <button "SI 543" onclick = remove class /> above  
    // the edit text  
}  
public void removedclass (View view) { // remove the class XML & user's
```

classlist.xml

<features "your classes!" />

for all user's classes :

<button "Class Name" onclick = "loadclass(classname)" />

Classlist.java

public void loadclass (classname) {

Intent intent = new Intent (this, StudyDetails.class);
startActivity (intent, classname);

}

StudyDetail.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Study detail for Class Name , Study Name" />
    <fragment
        android:id="@+id/map"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:name="com.google.android.gms.maps.SupportMapFragment"/>

```

StudyDetail.java

```
public void extendMap (View view) {
    // resize the map fragment to
    // the whole page
    // add XML resize button to minimize it
}
public void reduceMap () {
    // reduce map size & remove map button
}
```

StudyList.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Go back to Class List"
        android:onClick="GotoClassList" />
    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Class chosen from Class List" />
    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="ClassName" />
    <TextViews/Buttons
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="All the study groups available" />
    <TextViews/Buttons
        android:id="@+id/button3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Create Study group" />
    <TextViews/Buttons
        android:id="@+id/button4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Create Study" />

```

StudyDetail.java

```
public void viewStudyList () {
    // show all study groups for the class chosen.
    // make the text fields into clickable buttons.
}
public void goBack () {
    // go back to last activity
}
public void CreateStudy () {
    // go to CreateStudy activity
}
```

```
CreateStudy.xml
<TextView "Add a class" />
<Spinner "drop-down list of all user's classes" />
<EditText description of study location />
<EditText location onclick="getgps" />
<Button "Create Study" onclick="createStudy" />
```

CreateStudy.java

```
public void getgps () {
    // get the gps location & autofill the "location"
    // text edit w/ coordinates
}
```

```
public void create_study (View view) {
    // send the study info to the server
    // send the user to the Studylst activity
```

```
}
```

