**LOGIN PAGE**

package com.saveetha.buzzone.buzzoneapp;

import java.util.ArrayList;

import java.util.List;

import android.app.Activity;

import android.app.AlertDialog;

import android.app.ProgressDialog;

import android.content.DialogInterface;

import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.Menu;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ProgressBar;

import android.widget.TextView;

import com.saveetha.buzzone.buzzoneapp.common.ServerConnector;

import com.saveetha.buzzone.vo.RequestObject;

import com.saveetha.buzzone.vo.ResponseObject;

import com.saveetha.buzzone.vo.StudentInfo;

public class MainActivity extends Activity {

EditText registerNumber = null;

EditText passwordText = null;

ProgressBar progressBar = null;

TextView statusMessage = null;

private String registerNumberValue;

private String passwordTextValue;

ProgressDialog progDialog = null;

Activity thisActivity = null;

public static StudentInfo loggedinStudent = null;

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

registerNumber = (EditText) findViewById(R.id.register\_no);

passwordText = (EditText) findViewById(R.id.password\_text);

statusMessage = (TextView) findViewById(R.id.status\_message);

Button loginButton = (Button) findViewById(R.id.login\_button);

thisActivity = this;

loginButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View arg0) {

Log.d("MainActivity", "Entered On Click Listener");

Runnable r = new Runnable() {

public void run() {

Log.d("MainActivity", "Entered run");

attemptLogin();

}};

r.run();}});

Button registerButton = (Button) findViewById(R.id.new\_register);

registerButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent = new Intent(MainActivity.this, RegistrationActivity.class);

MainActivity.this.startActivity(intent);

}

});}

protected void attemptLogin() {

registerNumberValue = registerNumber.getText().toString();

passwordTextValue = passwordText.getText().toString();

if ("".equals(passwordTextValue) || registerNumberValue.equals("")) {

AlertDialog.Builder builder = new AlertDialog.Builder(this);

builder.setMessage("Username/Password fields can not be empty")

.setTitle("Login Failed!");

builder.setPositiveButton("ok", null);

AlertDialog dialog = builder.create();

dialog.show();

} else {

RequestObject requestObject = new RequestObject();

requestObject.setRequestType("LOGIN");

StudentInfo studentInfo = new StudentInfo(); studentInfo.setRegistrationId(Long.valueOf(registerNumberValue));

studentInfo.setPassword(passwordTextValue);

Log.d("MainActivity", "atempt Login");

List requestObjectList = new ArrayList();

requestObject.setRequestObjects(requestObjectList);

requestObjectList.add(studentInfo);

ResponseObject responseObject = ServerConnector

.connectToServer(requestObject);

Log.d("MainActivity","AFter connect" + responseObject.getResponseMessage());

if (responseObject.getResponseCode() == 0) {

Log.d("MainActivity","Received success" + responseObject.getResponseMessage());

loggedinStudent = (StudentInfo) responseObject.getResponseObject().get(0);

Intent intent = new Intent(MainActivity.this,

HomepageActivity.class);

MainActivity.this.startActivity(intent);

} else {

AlertDialog.Builder builder = new AlertDialog.Builder(this); builder.setMessage(responseObject.getResponseMessage())

.setTitle("Login Failed!");

builder.setPositiveButton("ok", new DialogInterface.OnClickListener() {

public void onClick(DialogInterface dialog, int id) {

}});

AlertDialog dialog = builder.create();

dialog.show();

registerNumber.setText("");

passwordText.setText("");

}

}

}

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.activity\_main, menu);

return true;

}

}

**HOMEPAGE**

package com.saveetha.buzzone.buzzoneapp;

import android.app.Activity;

import android.app.AlarmManager;

import android.app.PendingIntent;

import android.content.Intent;

import android.os.Bundle;

import android.os.SystemClock;

import android.view.KeyEvent;

import android.view.Menu;

import android.view.View;

import android.widget.Button;

import android.widget.ImageButton;

public class HomepageActivity extends Activity {

ImageButton forumButton = null;

ImageButton eventButton = null;

ImageButton suggestionButton = null;

ImageButton fastFingersButton = null;

Button logoutButton=null;

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.activity\_homepage, menu);

return true;

}

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.home\_page\_final);

forumButton = (ImageButton) findViewById(R.id.colloquiumid);

forumButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View arg0) {

Intent intent = new Intent(HomepageActivity.this,

ForumActivity.class);

HomepageActivity.this.startActivity(intent);

}

});

suggestionButton =(ImageButton) findViewById(R.id.suggestionid);

suggestionButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent= new Intent(HomepageActivity.this,SuggestionActivity.class);

HomepageActivity.this.startActivity(intent);

}

});

eventButton = (ImageButton) findViewById(R.id.eventsid);

eventButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent= new Intent(HomepageActivity.this,NotificationActivity.class);

HomepageActivity.this.startActivity(intent);

}

});

fastFingersButton = (ImageButton) findViewById(R.id.fast\_finger\_id);

fastFingersButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent= new Intent(HomepageActivity.this,QuestionAnswerActivity.class);

HomepageActivity.this.startActivity(intent);

}

});

logoutButton=(Button)findViewById(R.id.logout\_button);

logoutButton.setOnClickListener(new View.OnClickListener() {

public void onClick(View arg0) {

Intent intent = new Intent(HomepageActivity.this,

MainActivity.class);

HomepageActivity.this.startActivity(intent);

}});

}

public boolean onKeyDown(int keyCode, KeyEvent event) {

if (keyCode == KeyEvent.KEYCODE\_BACK && event.getRepeatCount() == 0) {

moveTaskToBack (true);

}

return super.onKeyDown(keyCode, event);

}}

**NOTIFICATION ACTIVITY**

package com.saveetha.buzzone.buzzoneapp;

import java.util.ArrayList;

import java.util.List;

import com.saveetha.buzzone.buzzoneapp.common.ServerConnector;

import com.saveetha.buzzone.vo.Event;

import com.saveetha.buzzone.vo.RequestObject;

import com.saveetha.buzzone.vo.ResponseObject;

import android.os.Bundle;

import android.app.Activity;

import android.app.NotificationManager;

import android.app.PendingIntent;

import android.content.Context;

import android.graphics.Color;

import android.graphics.Paint;

import android.graphics.Paint.Style;

import android.graphics.drawable.Drawable;

import android.graphics.drawable.ShapeDrawable;

import android.graphics.drawable.shapes.RectShape;

import android.view.Menu;

import android.view.View;

import android.view.ViewGroup.LayoutParams;

import android.widget.LinearLayout;

import android.widget.TextView;

public class NotificationActivity extends Activity {

TextView eventTitle;

LinearLayout eventLayout;

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_notification);

eventLayout = (LinearLayout) findViewById(R.id.notifylinearlayout);

RequestObject requestObject = new RequestObject();

requestObject.setRequestType("GET\_EVENT");

List requestObjectList = new ArrayList();

requestObject.setRequestObjects(requestObjectList);

ResponseObject responseObject = ServerConnector.connectToServer(requestObject);

List <Event> events=(List<Event>)responseObject.getResponseObject().get(0);

for(Event event : events)

{

TextView textView = new TextView(getApplicationContext());

textView.setText(event.getEventName());

textView.setTextSize(24);

textView.setTextColor(Color.parseColor("#00ff00"));

eventLayout.addView(textView);

textView = new TextView(getApplicationContext());

textView.setText(event.getEventDesc());

textView.setTextSize(20);

textView.setTextColor(Color.parseColor("#55ff55"));

eventLayout.addView(textView);

textView = new TextView(getApplicationContext());

textView.setText("Venue : " + event.getEventVenue());

textView.setTextSize(18);

textView.setTextColor(Color.parseColor("#ffffff"));

eventLayout.addView(textView);

textView = new TextView(getApplicationContext());

textView.setText("Time : "+event.getEventTime());

textView.setTextSize(18);

textView.setTextColor(Color.parseColor("#ffffff"));

eventLayout.addView(textView);

View breakLine = new View(getApplicationContext());

breakLine.setLayoutParams(new LayoutParams( LayoutParams.MATCH\_PARENT,

5)); breakLine.setBackgroundDrawable(createLine(Color.parseColor("#0000ff"), 30));

eventLayout.addView(breakLine);

}

}

public static Drawable createLine(int color, int height)

{

ShapeDrawable sd = new ShapeDrawable(new RectShape());

sd.setIntrinsicHeight(height);

Paint fgPaintSel = sd.getPaint();

fgPaintSel.setColor(color);

fgPaintSel.setStyle(Style.FILL);

fgPaintSel.setStrokeWidth(height);

return sd;

}

public boolean onCreateOptionsMenu(Menu menu) { getMenuInflater().inflate(R.menu.activity\_notification, menu);

return true;}}