EXPERIMENT 5

import javax.microedition.midlet.MIDlet;

import javax.microedition.lcdui.\*;

public class LoginMidlet extends MIDlet implements CommandListener {

private Display display;

private TextField userName;

private TextField password;

private Form form;

private Command cancel;

private Command login;

public LoginMidlet() {

userName = new TextField("LoginID:", "", 10, TextField.ANY);

password = new TextField("Password:", "", 10, TextField.PASSWORD);

form = new Form("Sign in");

cancel = new Command("Cancel", Command.CANCEL, 2);

login = new Command("Login", Command.OK, 2);

}

public void startApp() {

display = Display.getDisplay(this);

form.append(userName);

form.append(password);

form.addCommand(cancel);

form.addCommand(login);

form.setCommandListener(this);

display.setCurrent(form);

}

public void pauseApp() {

}

public void destroyApp(boolean unconditional) {

notifyDestroyed();

}

public void validateUser(String name, String password) {

if (name.equals("qm") && password.equals("j2")) {

menu();

} else {

tryAgain();

}

}

public void menu() {

List services = new List("Choose one", Choice.EXCLUSIVE);

services.append("Check Mail", null);

services.append("Compose", null);

services.append("Addresses", null);

services.append("Options", null);

services.append("Sign Out", null);

display.setCurrent(services);

}

public void tryAgain() {

Alert error = new Alert("Login Incorrect", "Please try again", null, AlertType.ERROR);

error.setTimeout(Alert.FOREVER);

userName.setString("");

password.setString("");

display.setCurrent(error, form);

}

public void commandAction(Command c, Displayable d) {

String label = c.getLabel();

if(label.equals("Cancel")) {

destroyApp(true);

} else if(label.equals("Login")) {

validateUser(userName.getString(), password.getString());

}

}

}



