



Creating Midlet Application For Login in J2ME

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This example show to create the Midlet application for user login.

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This example show to create the MIDlet application for user login . All MIDlet applications for the MIDP (Mobile Information Device Profile) derived from MIDlet class and it play a role as a mediator between the application and the

environment in which the application runs. The MIDlet life cycle manage the flow of application. It is in the **javax.microedition.midlet** package, so import this package in your application. The **javax.microedition.icdui** package is used for following classes:

- Alert
- AlertType
- Canvas
- ChoiceGroup
- Command
- DateField
- Display
- Displayable
- Font
- Form
- Gauge
- Graphics
- Image
- ImageItem
- Item
- List
- Screen
- StringItem
- TextBox
- TextField
- Ticker

In this example we will create a **MIDlet (LoginExample)**, that will show following output display look like below:



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Click on 'Launch' Button then the login page display like below:

I Make \$260 Every Day!

work from home
and make \$7,397
a Month

See How...

A woman with dark hair, wearing a white shirt, is sitting at a desk with a laptop. She is smiling and looking towards the camera. The background is slightly blurred, showing an office or home workspace.

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A close-up photograph of a person's head, focusing on the top and back. The hair is thinning, particularly on the crown, which is a common sign of hair loss. The person's face is not visible.



Give Your **LoginID 'sandeep'** and **Password 'sandeep'** then it call the **commandAction** where if condition will be executed and it calls a function (**validateUser()**) which checks whether name and password is equal to **'sandeep'** or not if it equal to **'sandeep'** then it executed the **showMsg()** function which show a congratulation message but if **name** and **password** is not equal to **'sandeep'** then it call **tryAgain()** function which show the error page like figure below and it return on login page with refresh value.

**I Make
\$260
Every Day!**

**work from home
and make \$7,397
a Month...**

See How...

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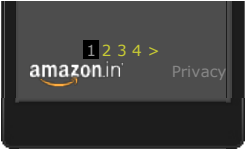
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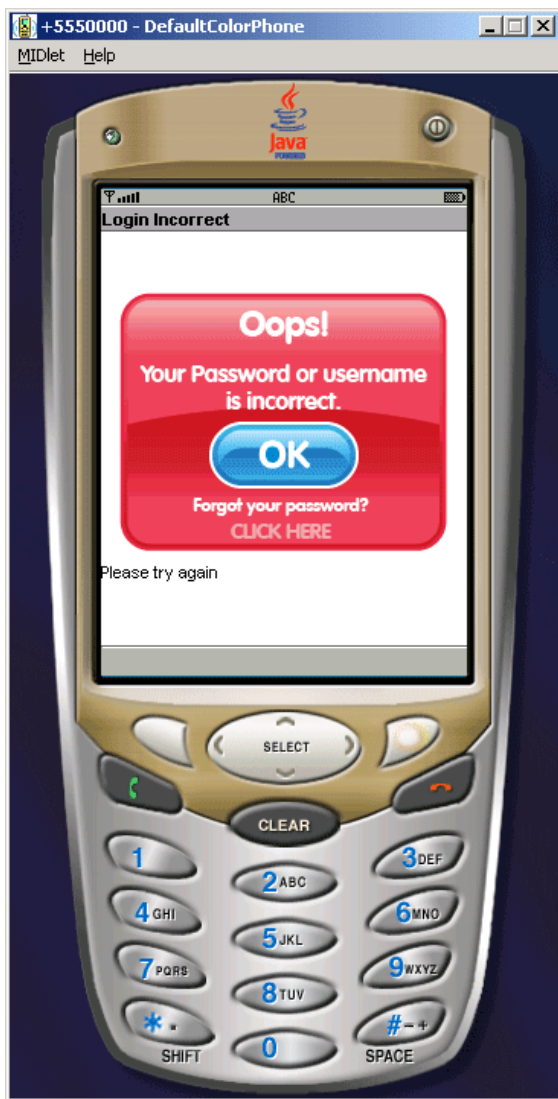
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Source Code Of LoginExample.java

```
import javax.microedition.midlet.MIDlet;
import javax.microedition.lcdui.*;

public class LoginExample extends MIDlet implements CommandListener{
    private Display display;
    private TextField userName,password;
    public Form form;
    private Command login, cancel;
    private Image img, imge, img2;

    public LoginExample() {
        form = new Form("Sign in");
        userName = new TextField("LoginID:", "", 30, TextField.ANY);
        password = new TextField("Password:", "", 30, TextField.PASSWORD);
        cancel = new Command("Cancel", Command.CANCEL, 2);
        login = new Command("Login", Command.OK, 2);

        try{
            img = Image.createImage("/logo.png");
            imge = Image.createImage("/front_left1_bad.png");
            img2 = Image.createImage("/Congratulations-1.png");
        }catch(Exception e){
            System.out.println(e.getMessage());
        }
    }
}
```

```

public void startApp() {
    display = Display.getDisplay(this);
    try{form.append(img);}catch(Exception e){}
    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("sandeep") && password.equals("sandeep")) {
        showMsg();
    } else {
        tryAgain();
    }
}

public void showMsg() {
    Alert success = new Alert("Login Successfully",
        "Your Login Process is completed!",
        img2, AlertType.INFO);
    success.setImage(img2);
    userName.setString("");
    password.setString("");
    display.setCurrent(success, form);
}

public void tryAgain() {
    Alert error = new Alert("Login Incorrect", "Please
    try again", imge, AlertType.ERROR);
    error.setTimeout(900);
    error.setImage(imge);
    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());
    }
}
}

```




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tingues



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gayan

June 14, 2011

login

dear sir, i try to login the application by using this code on my application but it doesnt work,if need ill send my sample code regarding this. thankyou gayan



BA2011

July 29, 2011

Thank you

very much



Archana

August 16, 2011

Article is superb

The way u have explained is too good.I am a fresher for j2me so this is helping me a lot. TX



shailly

October 16, 2011

Image not gettin displayed

teh program is workin fine but the images are not gettin displayed.



dafny

October 21, 2011

connecting to database

how to retrieve contents from database using j2me



daniels

January 25, 2013

free

Trust in God



laksh

November 15, 2011

Creating MIDlet Application For Login in J2ME

its awesome its too good, can u pls let me how we can check the password in data and how we redirect from login page to application page. once its successful.



princypatel

December 28, 2011

j2me

in login example in which folder place image is place



Amit kumar gupta

January 30, 2012

java me

i like this site .i know about only java sdk but from this site we easily learn java me



shivangi

March 3, 2012

connect the page to the internet on j2me

its a great but i want to see the code to connect a one page to to internet link(like google.com). plz help me.....



mayank

May 7, 2012

launch button coding

sir ,when i am running this code it is not founding the midlet class and also the launch button is not working as there is no coding for launch button



Shashikant

June 6, 2012

Not Showing Images

Application is Running Fine but its not showing Images pls help Thanks In Advance :)



william

August 12, 2012

will

voy empezando a ver j2me y estos codigos la verdad son originales ayudan mucho al analisis y funcionan gracias



farhadfery

November 2, 2012

!

thanks

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