**ICP8**

**Login Application**

* ICP Group 4
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My report

ICP8 Video:

<https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=fb069a8e-1ce1-477e-9624-adcb016bcea9>

Source code: <https://github.com/UMKC-APL-WebMobileProgramming/ICP8-SailajaNarra>

In this task we have learnt about the android studio and application creation using it.

Installed the JDK and Android Studio initially after downloading them from their official sites.

Initially created an new application in the android studio projects after selected blank activity.

Addded internet permission in the AndroidManifest.xml file to enable internet access in the device/emulator.

Text

Description automatically generated

Now a home login screen is created in the resources layout file

Graphical user interface, application

Description automatically generated

Here two input fields and logout button is created using layoput design.

And the login button logic is handled in the main activity.java file

Text

Description automatically generated

LOGIN method is called on click of login button.

Text

Description automatically generated

Now home page is created using layout design

Graphical user interface, application

Description automatically generated

After logging into the home screen, a display text and a button is created.

A navigation logic for this button is handled in the home activity.java file

Text

Description automatically generated

All the documentation is written in the code also with proper comments.

**Output:**

Emulator

Graphical user interface, application

Description automatically generated

When user enters wrong credentials

A screenshot of a computer

Description automatically generated

After successful login

Below is the home screen

A screenshot of a computer

Description automatically generated

On click of logout button page will be redirected back to login screen.