

Dynamic Password Application- User Study Framework

Overview

The user study application is required to collect data from all the applications and push it to the servers. It also collects additional feedback regarding the applications.

1. When you open the user study application, the app displays a pop up, please select allow to continue with the user study. Denying the access will not allow you to proceed with the user study.
2. Now, the app asks you to enter some demographic information like your name, age etc.

The image displays two side-by-side screenshots of the 'User Study' application interface. Both screenshots show a dark blue header with the text 'User Study'. The left screenshot shows a form titled 'Enter the below information' with fields for 'Enter Full Name', 'Enter Age', 'Number of years using smartphones in years', and 'Type of lock used'. A white dialog box is overlaid on the form, asking 'Allow User Study to access photos, media and files on your device?' with 'Deny' and 'Allow' buttons. The right screenshot shows the same form with the following data entered: 'deepak kumar sood' for Full Name, '21' for Age, 'Male' selected for gender, '12th' for Highest Education level, and 'none' selected for Type of lock used.

3. Once you are done entering all the information, press submit.
4. This enables screen recording while you use the password application.
5. Next, you can start using the password applications which are NumericalPass, PassImage, PassWord.

6. Once you are done using the applications, you can either choose to upload the screen recordings by simply opening the UserStudy app and press upload. Else you can simply leave it on the app to upload the recordings at 2.30 AM everyday.

The image displays two screenshots of the 'User Study' app interface.

Left Screenshot (Registration Form):

- Header: User Study
- Age: 22
- Gender: ☒ Male ☐ Female ☐ Other
- Highest Education level: Postgraduate
- Number of years using smartphones: 5
- Type of lock used:
 - ☐ none
 - ☐ pin based
 - ☒ pattern based
 - ☐ fingerprint
 - ☐ others
- Submit Button: SUBMIT

Right Screenshot (Upload Confirmation):

- Header: User Study
- Message: Your files will be automatically synced to our servers at night but if you wish to do it now, click the below button
- Upload Button: UPLOAD
- Status: Information saved to sdcard

Feedback- You can shake your phone to give feedback and also include screenshot of any particulars of the screen you are facing problem.