

- 1klik/app/src/main/java/a1klik/csp203/a1klik/  
Java Files for Android:  
The above folder contains all the Java Files created to support the logic and running of Android.  
MainActivity.java supports login xml page.  
After\_login.java supports list of course page xml  
CoursePage.java supports uploading picture and registering attendance xml.  
Rest Files and library files created for use.
- 1klik/app/src/main/res/values/string.xml  
The above file has strings defined that are used in android.Like IP of Server,Messages to be displayed in certain cases,so nothing is hard coded in app.
- Server Files/AndroidLogin/  
The above folder has php files to respond to http request of app login.It takes in request and information and writes the image a folder.
- Server Files/AndroidLogin/  
The above folder has php files to respond to http request of photo upload and response to it.
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- html/csp203/Instructor\_portal  
The above folder has js,php & html files for Instructor portal-login,signup,course creation etc.  
Major:
  1. Session.php : Checks if session is created i.e user is logged in else is redirected to login page.
  2. Login\_page.php : Login page of instructor
  3. Login.php : to process login request of instructor
  4. Index.php: Homepage after logged in showing courses
  5. Password.txt: Has Password stored of System required to run sudo commands via php in some files.
  6. Register\_course.php: Register a new course and handle the files and request for it.
  7. Signup.php: Signup if you're a new user
  8. /js: JavaScript files folder for client side processing like if email has @ , password length is less then 6 etc.
  9. Database.php: Database information required in most php files to connect to database
  10. Course\_details.php :Shows the course page of a course and allows the Instructor to download the csv file of attendance or upload updated one.

- `html/csp203/Student_portal`

The above folder has js,php & html files for Student portal-login,signup,join course,upload photos etc.

1. `Session.php` : Checks if session is created i.e user is logged in else is redirected to login page.
2. `Signup.php`: Signup if you're a new user
3. `/js`: JavaScript files folder for client side processing like if email has @ , password length is less then 6 etc.
4. `Mycourse.php`: shows all the courses the student has joined.
5. `Join_course.php`: Shows a page with all the available courses to join with instructors. And processes the request to join all the selected courses.
6. `Upload.php` and `upload2.php`: Php files to upload images of the student and handle the request and process it and successfully write the image in the required folder.
7. `Database.php`: Database information required in most php files to connect to database
8. `Course.php` : Allow Student to download csv file for a course to see his attendance.
9. `Mark.php` : After you've sent the photo from the android. You need to mark the attendance from portal,this file responds to the request.

- `flask-prod/`

Major:

1. `Password.txt`: password of system to run sudo command in python files.
2. `Webtool.py`: Source python file to start the flask server,when started it responds to php request of uploading images and processing attendance and registering attendance.Has all the flask functions to be run in different requirements.
3. `Dlib_face_recognition_resnet_model_v1.dat`: DataSet file containing information for image recognition.