

## STUDENT ASSIGNMENT APP - IONIC

Assignments are one of the best ways to track the progress of both students and teachers. Students can put their understanding to the test, while teachers can assess how well their lessons are being received. This Assignment Tracker app eliminates the drudgery that comes with grading, and makes creating assignments a breeze.

**1. Share assignments with ease:** Teachers can group students together and distribute assignments. They can keep all students on the same page by setting due dates and priority levels.

**2. Encourage students to submit assignments online :** Students just need to type their answers and upload them into the app— it's as easy as that. Through detailed reports, they can view pending and submitted assignments, submission details, and marks awarded.

**3. Instantly access relevant data :** With student, teacher, and course details stored right in the app, you never have to go anywhere else to obtain data. Firebase storage allows you to access it anytime, across web and mobile platforms.

## **User Interface**

**Ionic framework** is used in the process of enabling the client-side workflow in the application. It also provides the ability to manage the front-end of the application.

**Angular Js** is used to enable the client-side scripting which is embedded in the ionic framework.

## **DATABASE**

**Firebase** is a **no-SQL** database, which is used in order to store the student data which consisting of Assignments files and Login Auth Info.

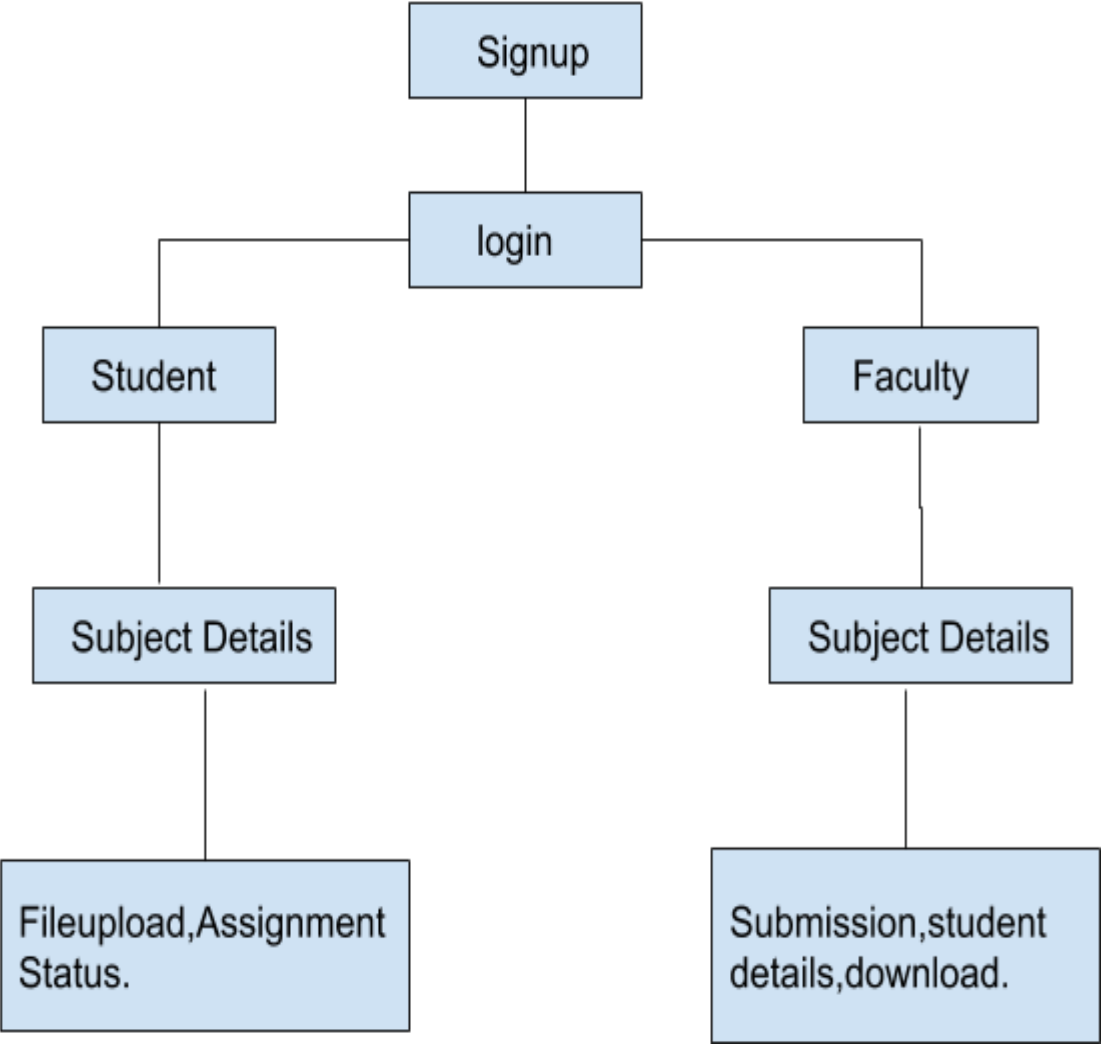
Design :

*Auth*

*pg1*

*pg2*

*pg3*



## PAGE NAVIGATIONS

### LOGIN

A circular illustration on a purple gradient background shows a person in a blue uniform standing next to a large blue login card. The card has a user icon, a password field with asterisks, and a login button. The person is holding a small device.

student@gmail.com

password

LOGIN

[Not a user ? Signup](#)

**S1&F1:** Login page, where student and Faculty both can Authenticate with their own information that is present in Database.

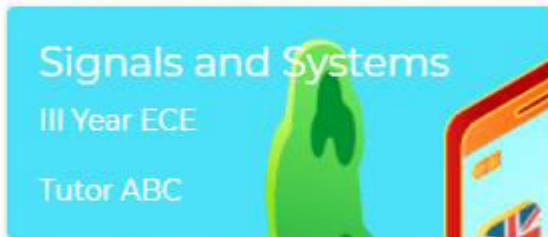
Subject List

[Logout](#)



Circuit Analysis  
III Year ECE  
Tutor ABC

The card features a dark blue background with a glowing blue circuit board pattern. The text is white and positioned in the upper left corner.



Signals and Systems  
III Year ECE  
Tutor ABC

The card has a light blue background. On the right side, there is a stylized illustration of a green parrot and a portion of a smartphone with a red and orange border.



Electromagnetic Fields  
III Year ECE  
Tutor ABC

The card has a purple background. It includes a central illustration of a person in a yellow shirt pointing at a large screen displaying a pie chart. There are also some abstract shapes and a laptop in the background.

**S2&F2:** In this page both can able to see their own course details and they can navigate to the status page.

## ← Assignment List

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### Pending Assignment

Flemming Rules

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Faradays Law

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### Submitted Assignment

Flemming Rules

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lenz law

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Ohms Law

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**S3:** This page consists of Assignment details of the students. They can ensure their assignment pending or not. When they submit a new document under the particular topic (eg: FARADAYS LAW) it navigates through the next page.

← [Submit your As...](#)

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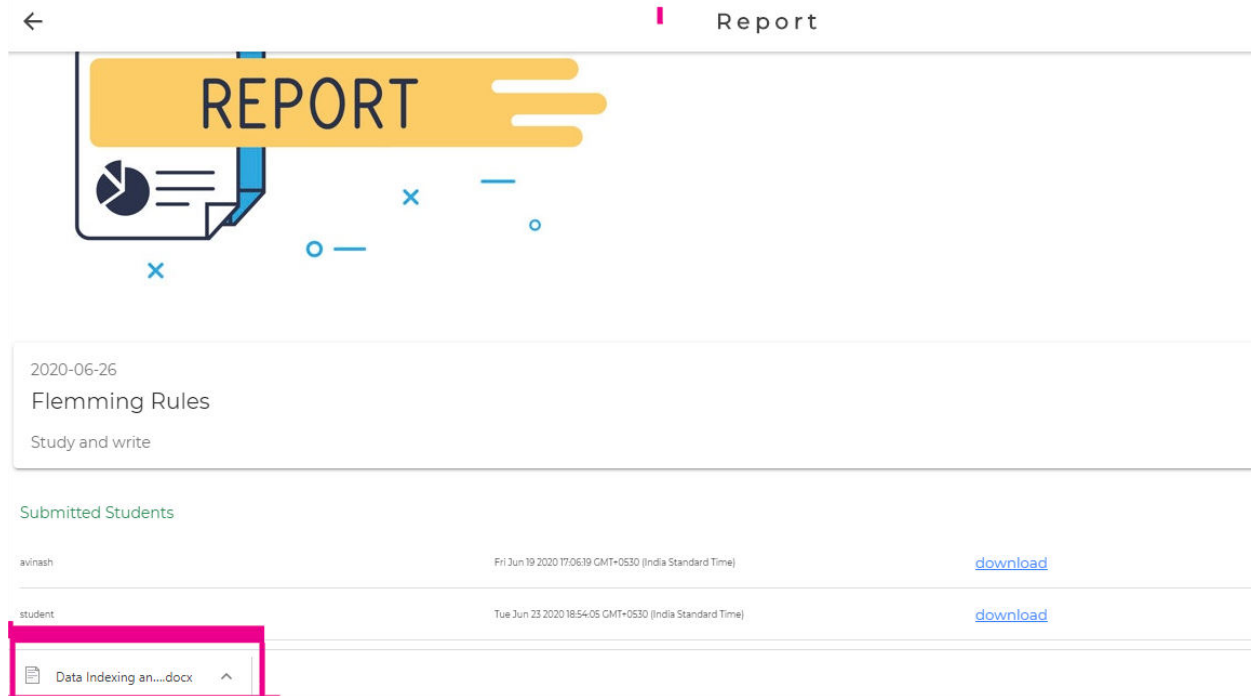


Choose File No file chosen

HAND IN

**S4:** Once the student swipes the particular assignment they can be able to choose the assignment from their local device and it will be stored in Database.

**F3:** When the Faculty enters into course detail it shows the all assignment. When they go to particular assignment it will show the report about the assignment.



**F4:** Faculty can able to download the assignment that was uploaded by students.It will directly connected the the Database.

overview :

1. Login page - UN & PW vadlilation using Firebase Authentication plugin.



2.Signup page - Storing New UN & PW using Firebase Authentication Plugin.

3.Student -

1.Displaying Course Details from Firebase.

2.Getting assignment status from Firebase Storage.

3.Uploading assignment to the Firebase storage.

4.Faculty -

1.Displaying Course Details from Firebase.

2.Getting all assignment from Firebase storage.

3.Adding new assignment to all students.

#### 4.Student Report.