

Welcome to InfixEdu Flutter App

Thank you for purchasing the app. If you have questions beyond this help file's scope, please submit a ticket at <https://ticket.aorasoft.com>. Thanks so much!

Environment setup

First, you need to set up flutter. To do that, you can follow this Flutter official documentation: <https://docs.flutter.dev/get-started/install>

Configure app:

Go to `infixedu\lib\config\app_config.dart` and update the domain name and `imageBaseUrl` with your web URL.

For example:

```
static String domainName = 'https://example.com';  
static String imageBaseUrl = 'https://example.com';
```

Note: Do not include the trailing `'/'` in the URL.

Next, update the `'appName'` variable and set your app's name here.

Change App Name:

- First, run this command: `flutter pub global activate rename`
- Then, rename the app by running: `rename setAppName --targets iOS, Android --value "InfixEdu"`

Replace "InfixEdu" with your app's name.

Change Package Name:

- Run this command: `rename setBundleId --targets android,ios --value "com.infixedu.school"`

Replace "com.infixedu.school" with your desired package name.

Change App Icon :

- Go to the folder **infixedu/assets/config**.
- Replace the file **app_icon.png** with your logo image. Make sure the file name stays **app_icon.png** and the image is in PNG format.
- After that, run these two commands inside the **infixedu** folder:
 - flutter pub get
 - flutter pub run flutter_launcher_icons:main

Change Appbar Logo:

- To change the logo in the app bar, replace the **appbar_logo.png** file with your new image. Keep the file name the same.

Change App Logo:

- To change the logo on the splash screen and login screen, replace **app_logo.png** with your logo image.

Firebase Configuration

To configure Firebase, you have two options:

1. **Using FlutterFire:** This tool automatically sets everything up for your Flutter project.
2. **Manual Configuration:** You can manually configure Firebase in your Flutter project.

Note: Make sure to use the same Firebase project for both the web and mobile app. If you've already created a Firebase project, you can skip to Step 3.

Configure Firebase Using FlutterFire CLI

Before you can install the Firebase CLI, you need to have **npm** installed, which usually comes with **Node.js**. Here's how to get started:

Step 1: Install Node.js

1. Download and install [Node.js](#).

Step 2: Install Firebase CLI

Open your terminal and run the following command to install the Firebase CLI:

```
npm install -g firebase-tools
```

Step 3: Verify Firebase CLI Installation

Check if the Firebase CLI is installed correctly by running:

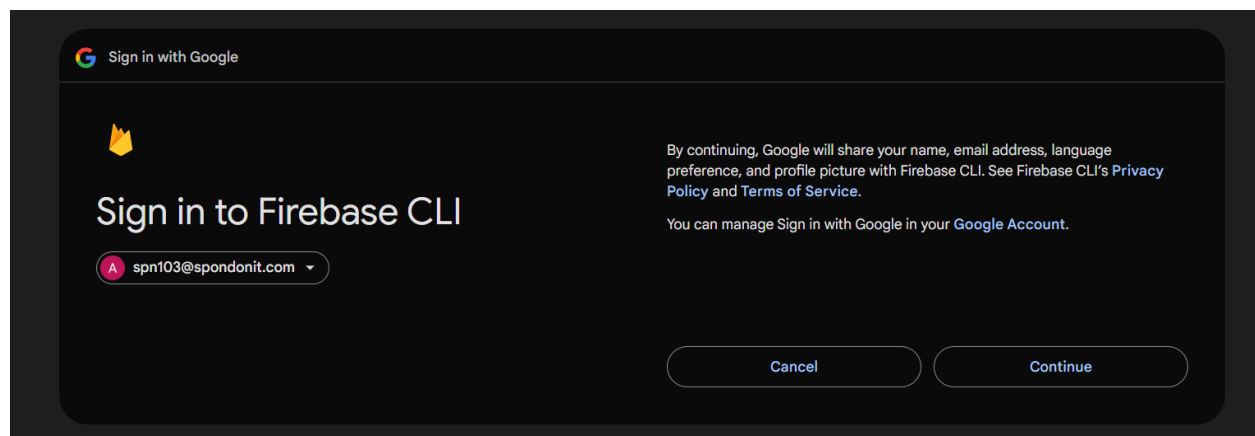
```
firebase --version
```

Step 4: Authenticate with Firebase

Once installed, you need to authenticate by running:

```
firebase login
```

This command will open a popup window on your browser and allow you to sign in with your Google account and connect your local machine to Firebase, granting access to your Firebase projects.

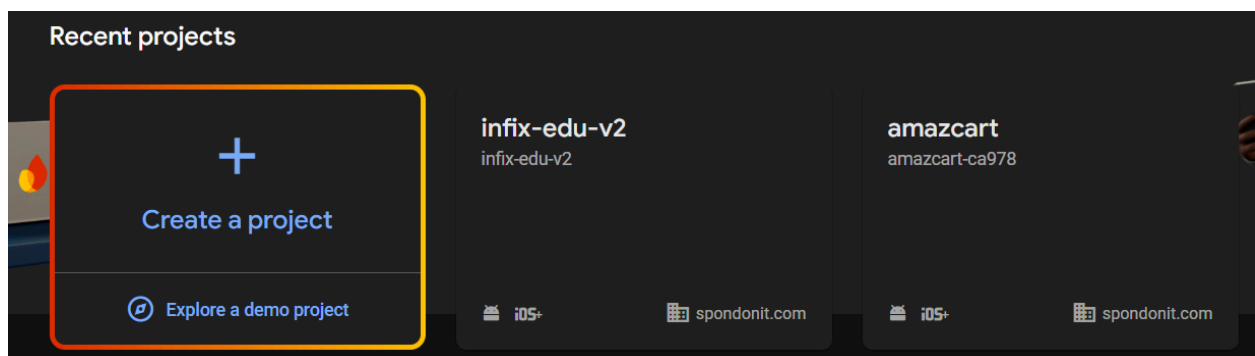


Make sure to select the gmail you used to create firebase project and click on continue , give it access then you will see success message.

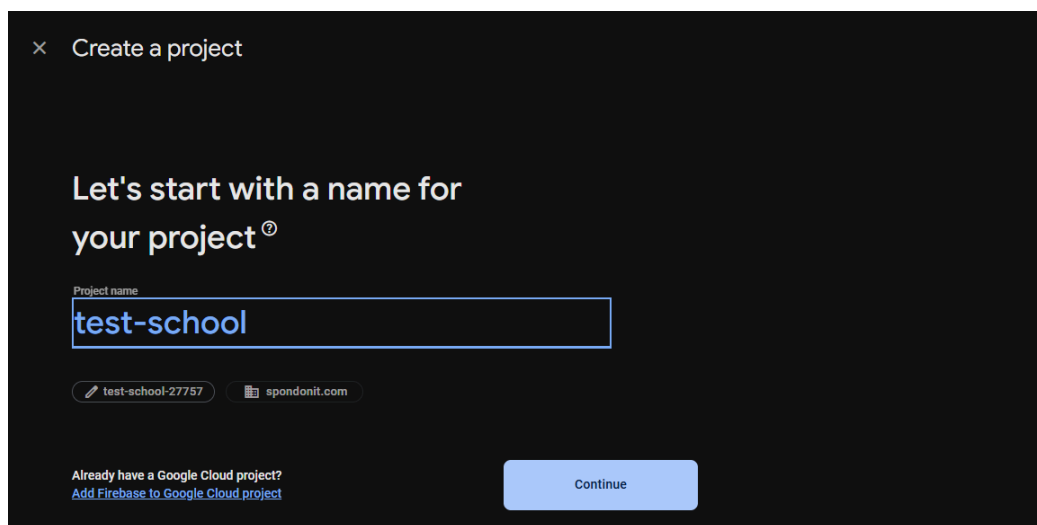
After completing these steps, you'll be ready to configure Firebase for your Flutter project!

Configure Firebase with Flutter app

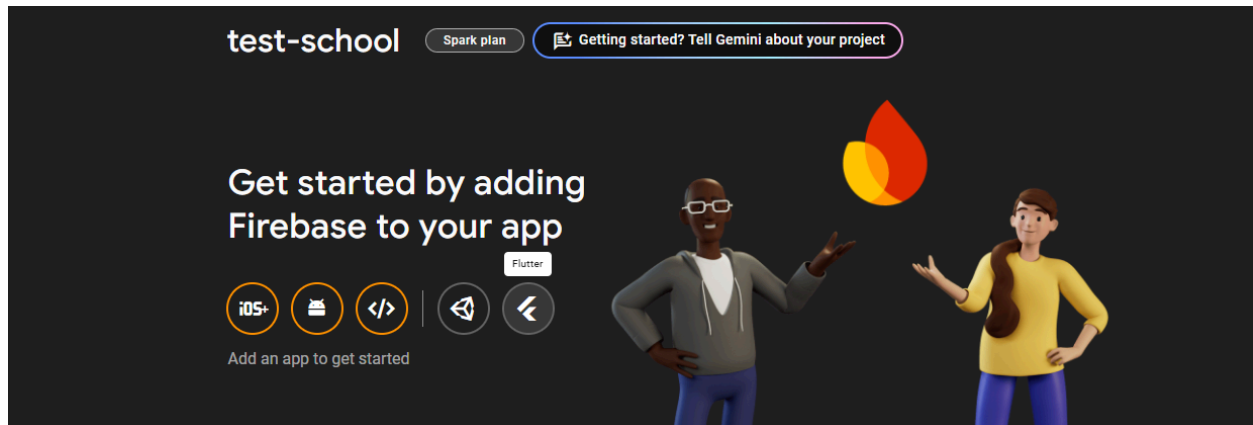
Step 1: First, you have to visit the [Firebase console](#). Now let's move to the next step. Click on the "Add project" as shown in the below image.



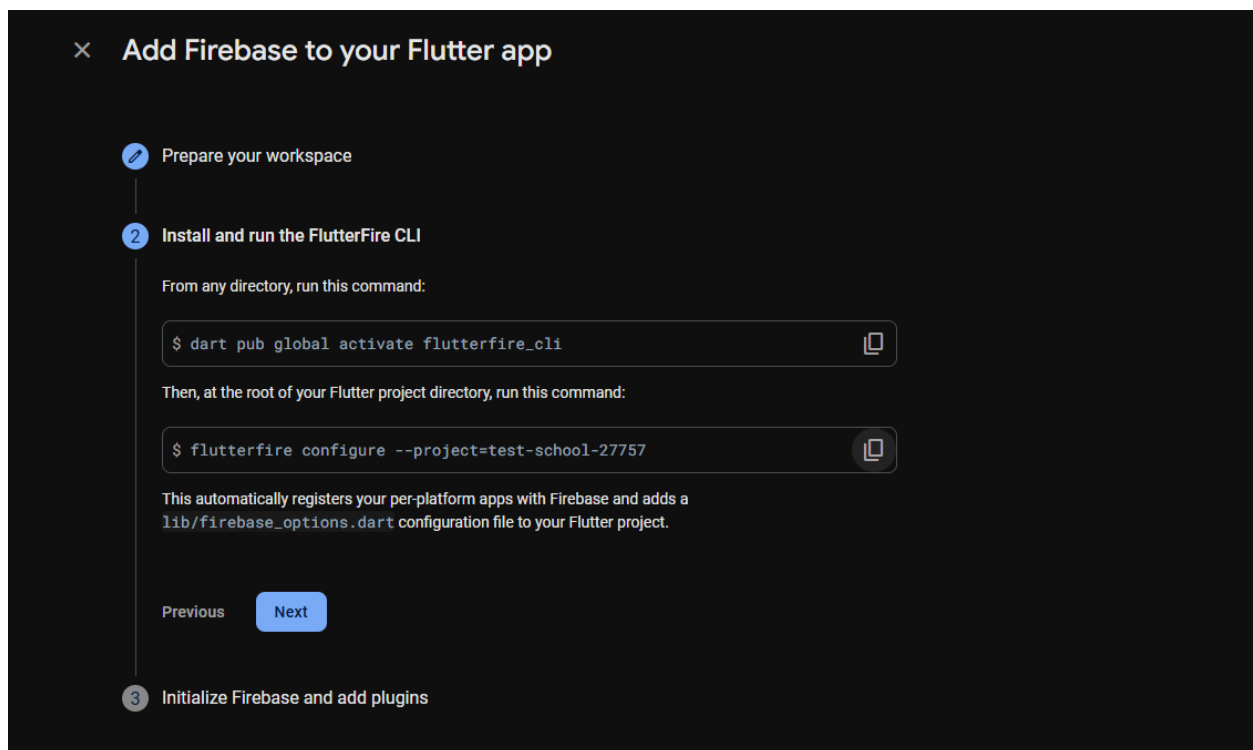
Step 2: Provide the Firebase project name. Then click on "Continue".



Step 3: Disable the “Enable Google Analytics for this project” because we don’t need this and click on “Create project”. It takes some time to wait till the project is created, After that, click on “Continue”. Now you will see the below screen, there you need to choose “Flutter” option.



Step 4: Now click on next, copy, and run these 2 commands. and run it in your project directory



```
PS C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production> dart pub global activate flutterfire_cli
Package flutterfire_cli is currently active at version 1.0.1.
Downloading packages... (4.1s)
The package flutterfire_cli is already activated at newest available version.
To recompile executables, first run `dart pub global deactivate flutterfire_cli`.
Installed executable flutterfire.
Activated flutterfire_cli 1.0.1.
```

You can use arrow up/down key and space key to navigate up-down or select/unselect a platform. In our case we should only tick mark android and ios platform.

```
PS C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production> flutterfire configure --project=test-school-27757
i Found 7 Firebase projects. Selecting project test-school-27757.
? Which platforms should your configuration support (use arrow keys & space to select)? >
✓ android
✓ ios
  macos
  web
  windows
```

If it ask permission to override any file type y and press enter.

```
PS C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production> flutterfire configure --project=test-school-27757
i Found 7 Firebase projects. Selecting project test-school-27757.
✓ Which platforms should your configuration support (use arrow keys & space to select)? · android, ios
? Generated FirebaseOptions file C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production\lib\firebase_options.
? Generated FirebaseOptions file C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production\lib\firebase_options.
✓ Generated FirebaseOptions file C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production\lib\firebase_options.
dart already exists, do you want to override it? · yes
i Firebase android app com.test.school is not registered on Firebase project test-school-27757.
i Registered a new Firebase android app on Firebase project test-school-27757.
i Firebase ios app com.test.school is not registered on Firebase project test-school-27757.
i Registered a new Firebase ios app on Firebase project test-school-27757.

Firebase configuration file lib\firebase_options.dart generated successfully with the following Firebase apps:

Platform  Firebase App Id
android   1:494290287170:android:dc3c31326ac01ad1c78bdb
ios       1:494290287170:ios:f1962da61361b46cc78bdb

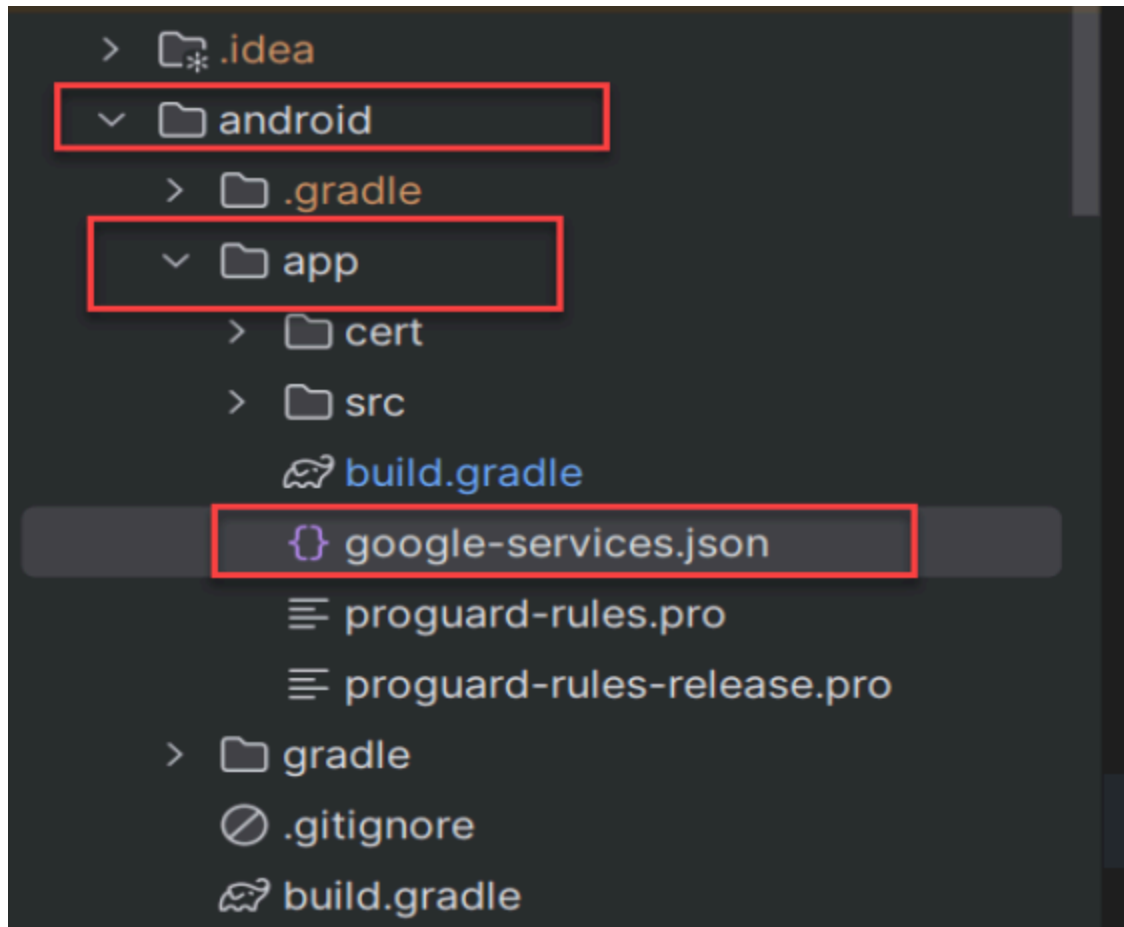
Learn more about using this file and next steps from the documentation:
> https://firebase.google.com/docs/flutter/setup
PS C:\Users\User\Downloads\101_flutter_single_getx_api_v2-production\101_flutter_single_getx_api_v2-production>
```

Now you have successfully configured your Flutter project with Firebase.

Configure firebase manually

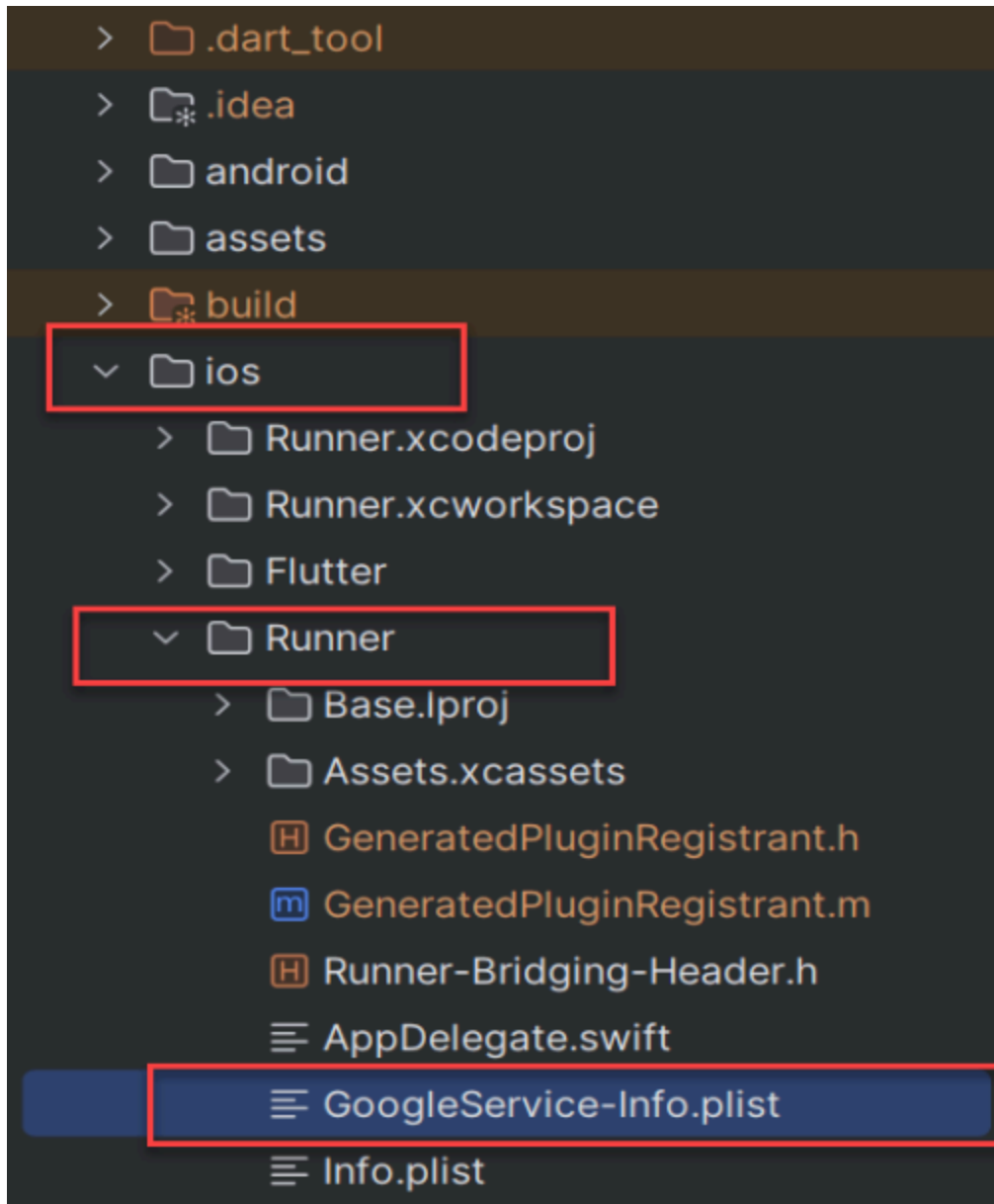
Configure Firebase for Android:

- Create a new Firebase project for your app from the link <https://console.firebase.google.com>.
- Add an app for Android by package name and download the google_services.json file.
- Add the google_services.json file to the infixedu > android > app folder after successfully downloading the google_services.json file. Delete the older google_services.json file if it already exists.



Configure Firebase for iOS:

- Create a new Firebase project for your app from the link <https://console.firebase.google.com>. [You can skip this. You have already a Firebase project]
- Add an app for Apple by package name and download the GoogleService-Info.plist file.
- Add the GoogleService-Info.plist file to the infixedu > ios > Runner folder after successfully downloading the GoogleService-Info.plist file. Delete older GoogleService-Info.plist file if there already exists.



Now you need to update the **apiKey**, **appld**, **messagingSenderId**, **projectId**, and other keys after successfully adding the `google_services.json/GoogleService-Info.plist` file according to the `google_services.json/GoogleService-Info.plist`. You can find the above key if you open the `google_services.json/GoogleService-Info.plist` file.

- Go to the `infixedu > lib` folder
- Open the `firebase_options.dart` file, then

- Change APIKey, appId, messagingSender ID, and project ID according to the google_services.json/GoogleService-Info.plist for Android/iOS.

```

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You, 43 minutes ago | 1 author (You)
class DefaultFirebaseOptions {
  static FirebaseOptions get currentPlatform {
    switch (defaultTargetPlatform) {
      case TargetPlatform.android:
        return android;
      case TargetPlatform.iOS:
        return ios;
      default:
        throw UnsupportedError(
          'DefaultFirebaseOptions are not supported for this platform.',
        );
    }
  }
}
You, 55 minutes ago • init
static const FirebaseOptions android = FirebaseOptions(
  apiKey: 'AIzaSyCsB4oOewmJF_jsb9ltVWZ1nPXsSYhQ5bU',
  appId: '1:146057073376:android:b0055e47dbc458104f7685',
  messagingSenderId: '146057073376',
  projectId: 'project-b330c',
  storageBucket: 'project-b330c.appspot.com',
);
static const FirebaseOptions ios = FirebaseOptions(
  apiKey: 'AIzaSyDnCixw0mMMP50YNB8DopsqTrSpLZLQBLg',
  appId: '1:146057073376:ios:b10feb42e055c1aa4f7685',
  messagingSenderId: '146057073376',
  projectId: 'project-b330c',
  storageBucket: 'project-b330c.appspot.com',
  iosBundleId: 'com.test.school',
);

```

Configure Payment Gateway

This payment gateway will be used to add balance to the wallet and for fee payments. You can enable or disable any payment gateway directly from your web panel.

Configure Stripe:

Go to infixedu\lib\config\app_config.dart

Modify this section with your stripeMerchantID,stripePublishableKey,stripeToken credentials:

```

21  /// Stripe Payment Gateway      You, yesterday * Init
22  static const String stripeServerURL =
23  |  | "https://api.stripe.com/v1/payment_intents";
24  static String stripeCurrency = "USD".toUpperCase();
25  static const String stripeMerchantID = "merchant.thegreatestmarkeplace";
26  static const String stripePublishableKey =
27  |  | "pk_test_510TydVHhgGZ1rB2oCwA3d4UjhW1ajimcjqR65FcZIBSZqyYtaG158N5zHwXxuC6w39UjAQmSBLXmoUoe9CZuxnoP00VWEGjtvZ";
28  static const String stripeToken =
29  |  | 'sk_test_510TydVHhgGZ1rB2oIpSFP0VPpk92x5vXBC30rGfbjITnq3IfjSVZRqOQ78sqTqEX7opbWgqxGxQkPOwbIjUbmBtL00kbanmzce';

```

Configure Paypal:

Replace with your credentials in this section :

```

35  static const String paypalDomain =
36  |  | "https://api.sandbox.paypal.com"; // "https://api.paypal.com"; // for production mode
37  static const String paypalCurrency = 'USD';
38  static const String paypalClientId =
39  |  | 'AQgAWV4PLM9g81xZ51TLtVi68KjB89s4mpcchFschs70vTM-3p4zsQTDqH0kv5Sw44k9goHlE-VAC7zj';
40  static const String paypalClientSecret =
41  |  | 'ELLOQfnZ4kRbDkul81U_RNRsgHgFPDumlUloCcX6n06ziXRXKob8gVYaTn6CGCeNWJtBqsfv7VtbsuR2';
42  static const bool sandboxMood = true;
43

```

Configure Paystack:

Replace these credentials with yours.

```

47  static const String payStackPublicKey =
48  |  | "pk_test_d85ff3d14475233d9da27df301185459f5d148b0";
49  static const String payStackSecretKey =
50  |  | "sk_test_ee55a9b27d06843d868851a81362018d1aa9ff90";
51  static const PaystackCurrency payStackCurrency = PaystackCurrency.zar;
52  // static const String payStackCurrency = 'ZAR';

```

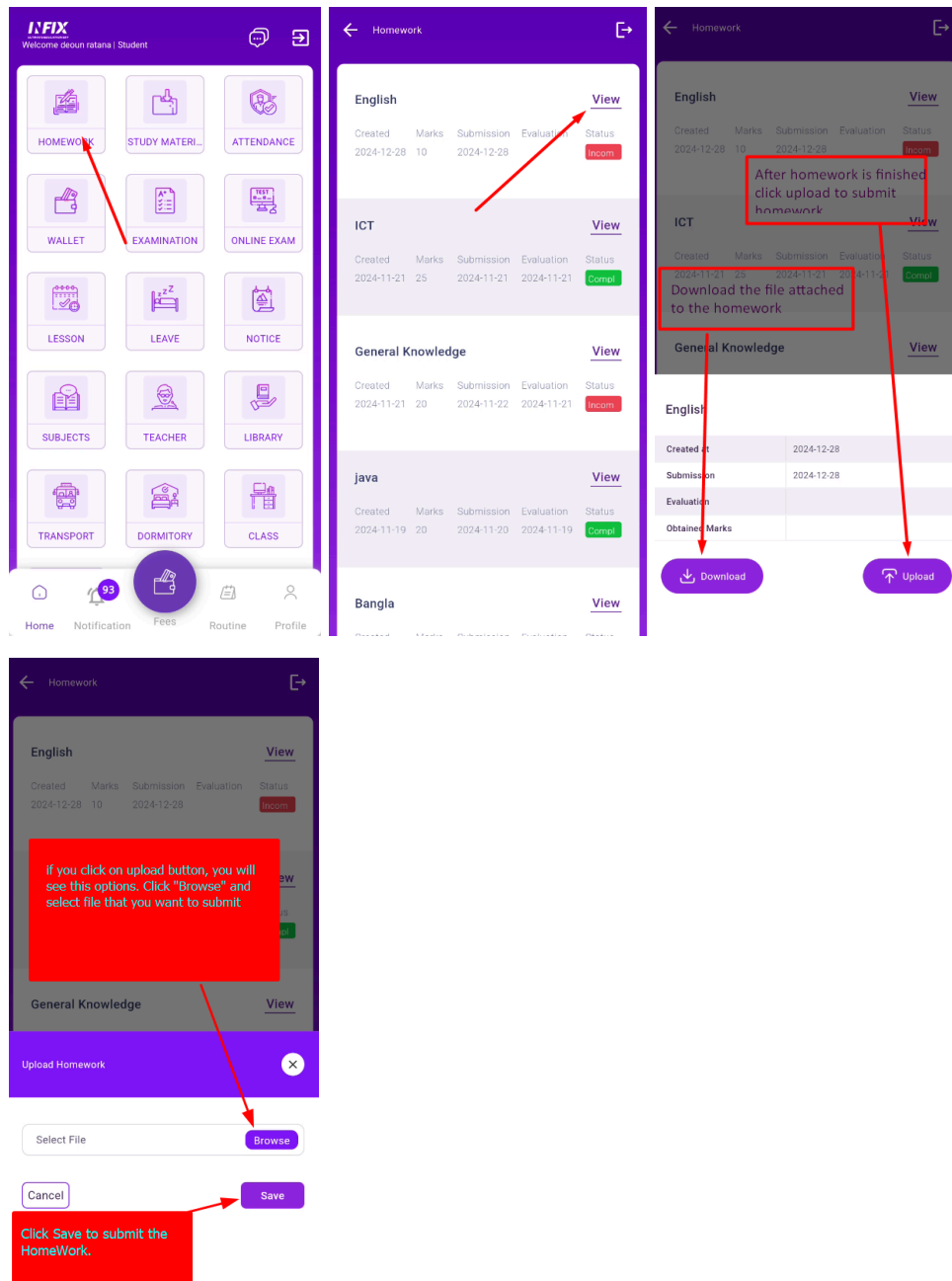
Note: you can follow documentation of Paypal/paystack/Stripe to get these credentials for your account.

App Features

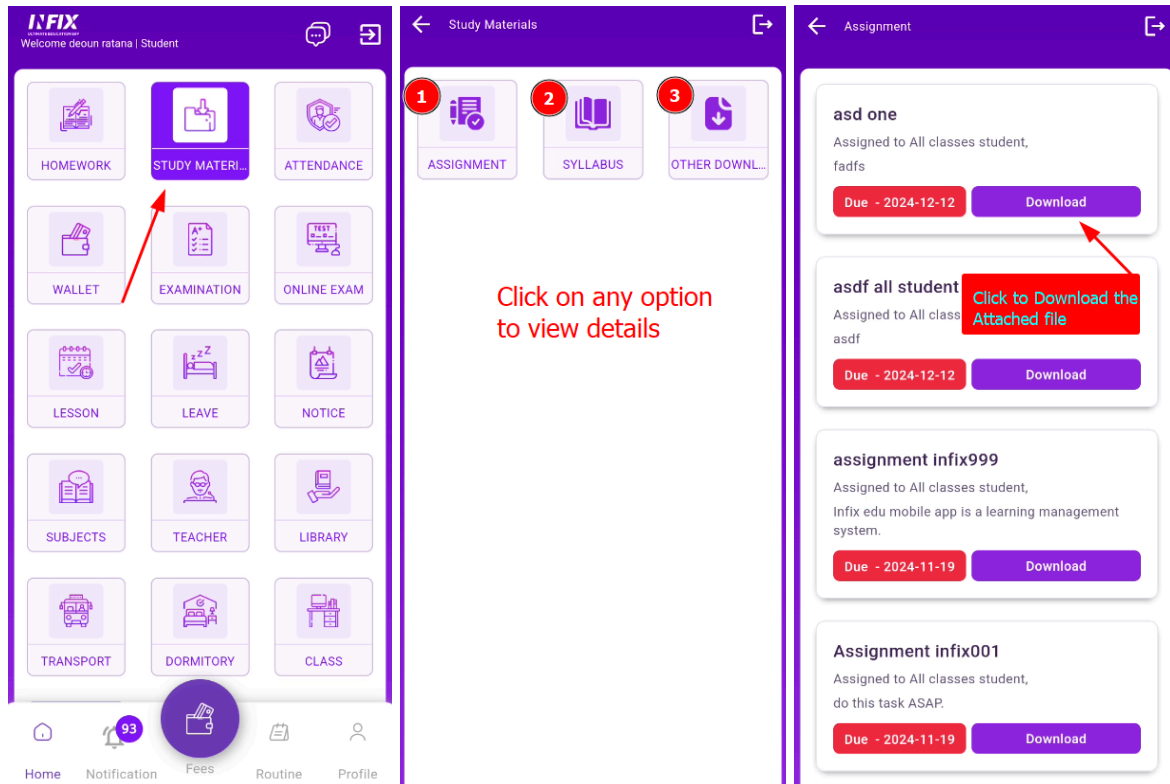
The Infixedu app supports a total of four types of users: Student, Teacher, Parent, and Admin. When a user logs in with their credentials, they are automatically navigated to the specific panel corresponding to their role. Each panel offers different features tailored to the respective user role.

Student:

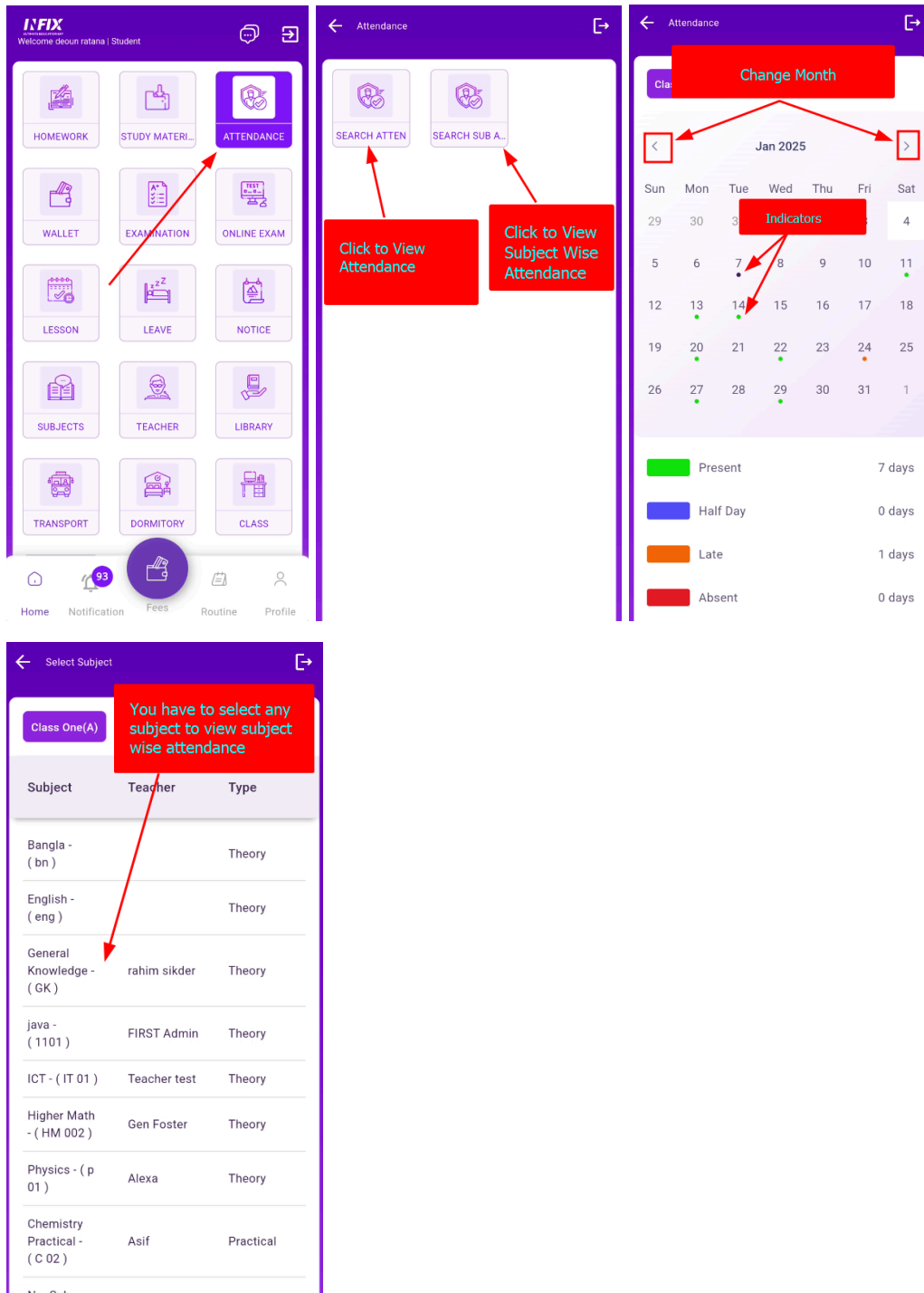
- **Homework:** View the list of homework, download any attached files, and upload completed homework.



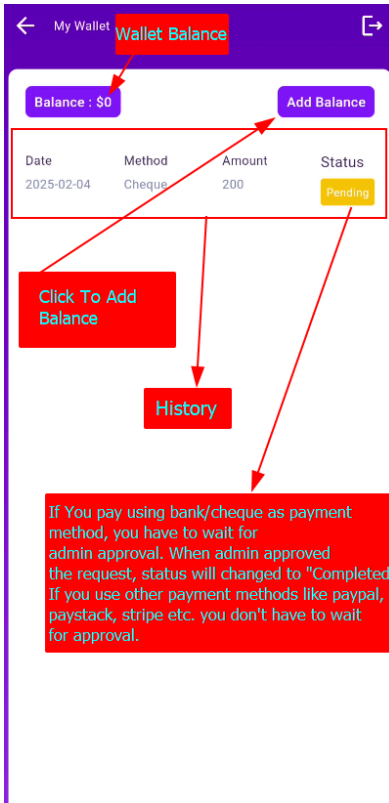
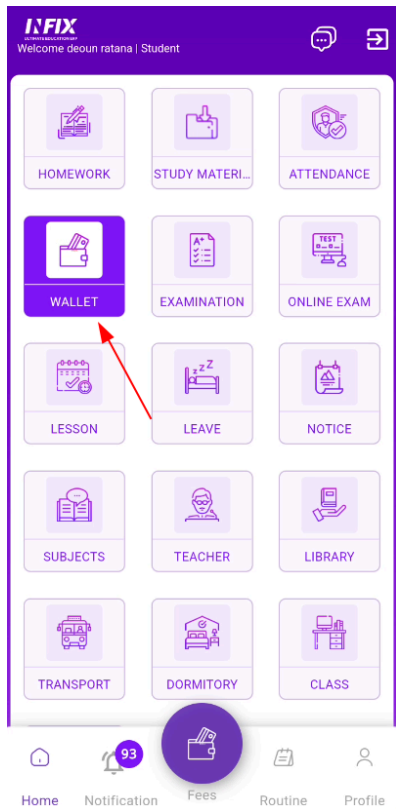
- **Study Materials:** This section includes assignments, syllabus, and other downloadable resources. Students can view assignments, homework, and other materials, as well as download any attached items.

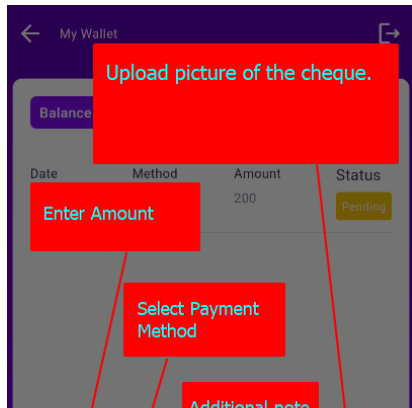


- **Attendance:** Students can view their attendance history and check attendance details by subject by selecting a specific subject.



- **Wallet:** Students can add money to their wallets and use the balance to pay fees later.





Add Balance

Amount*

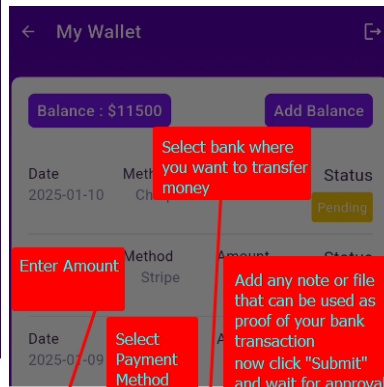
Cheque

Note

Select File

Browse

Submit



Add Balance

Amount *

Bank

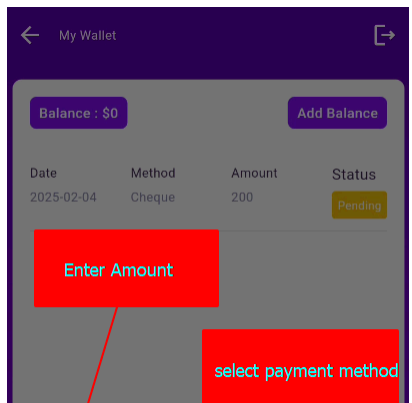
DBBL

Note

Select File

Browse

Submit



Add Balance

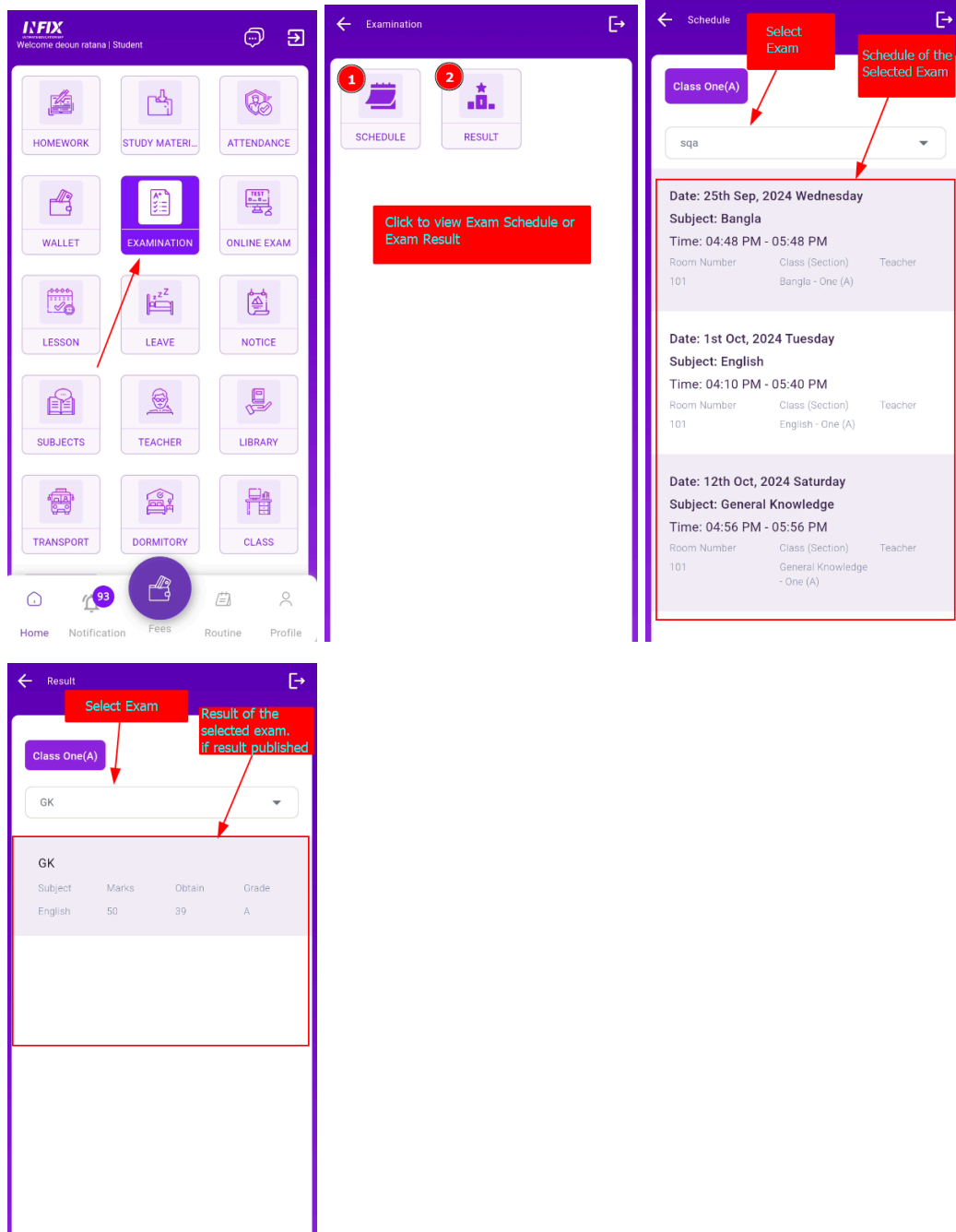
Amount*

PayPal

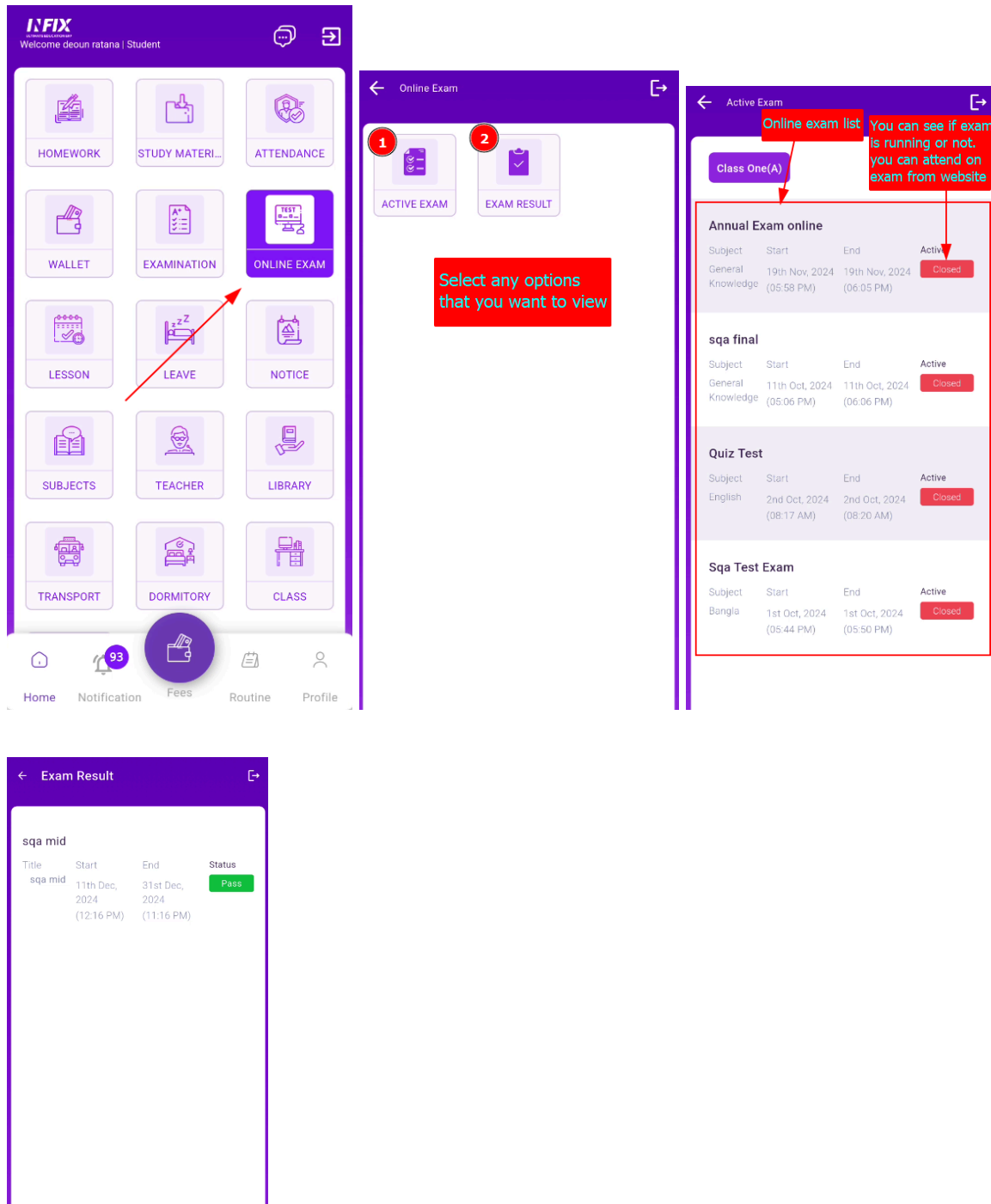
Submit

if you click submit, it will redirect you to payment page of the payment method you selected. after payment done, balance will be added to wallet

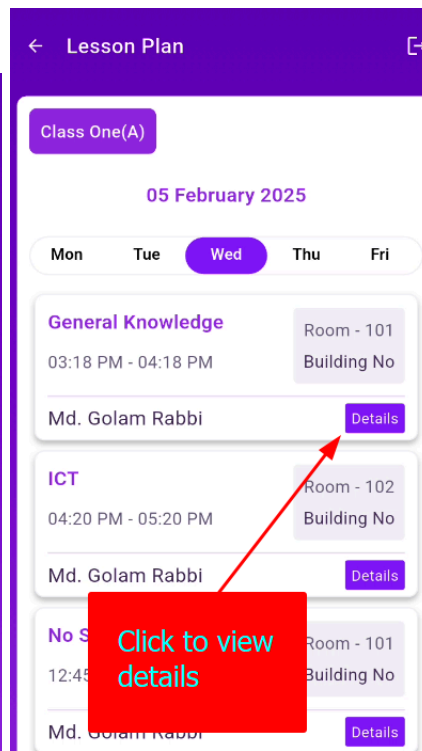
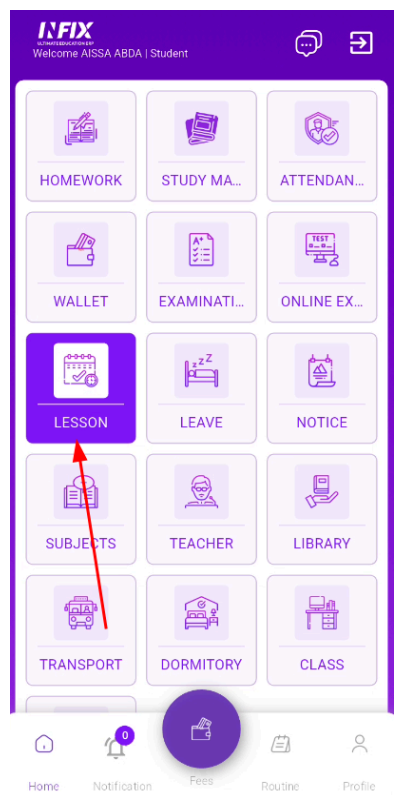
- **Examination:** Students can view the exam schedule and check their exam results once they are published.



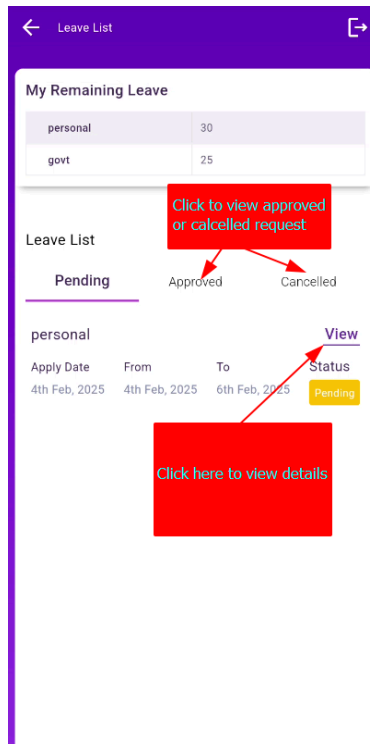
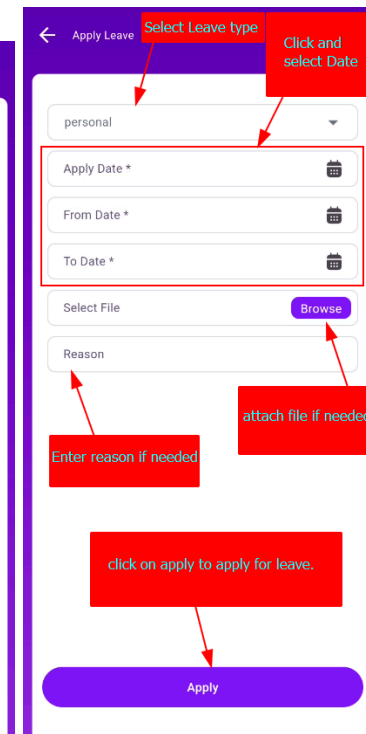
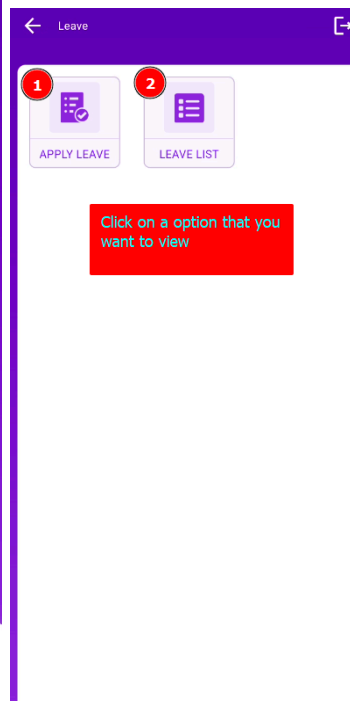
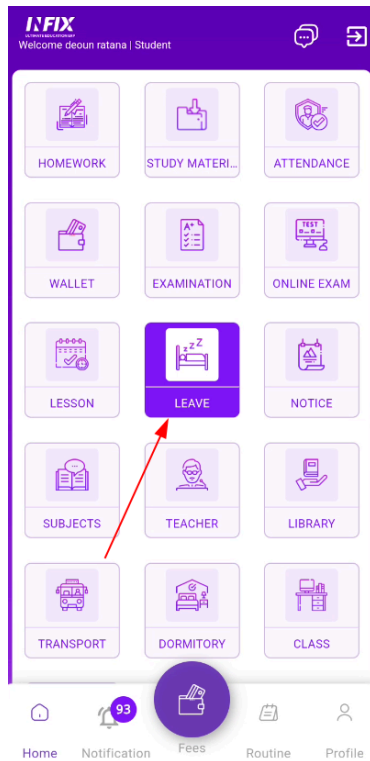
- **Online Exam:** Students can see a list of available online exams, check the status of each (whether the exam is running or not), and view the results once available.



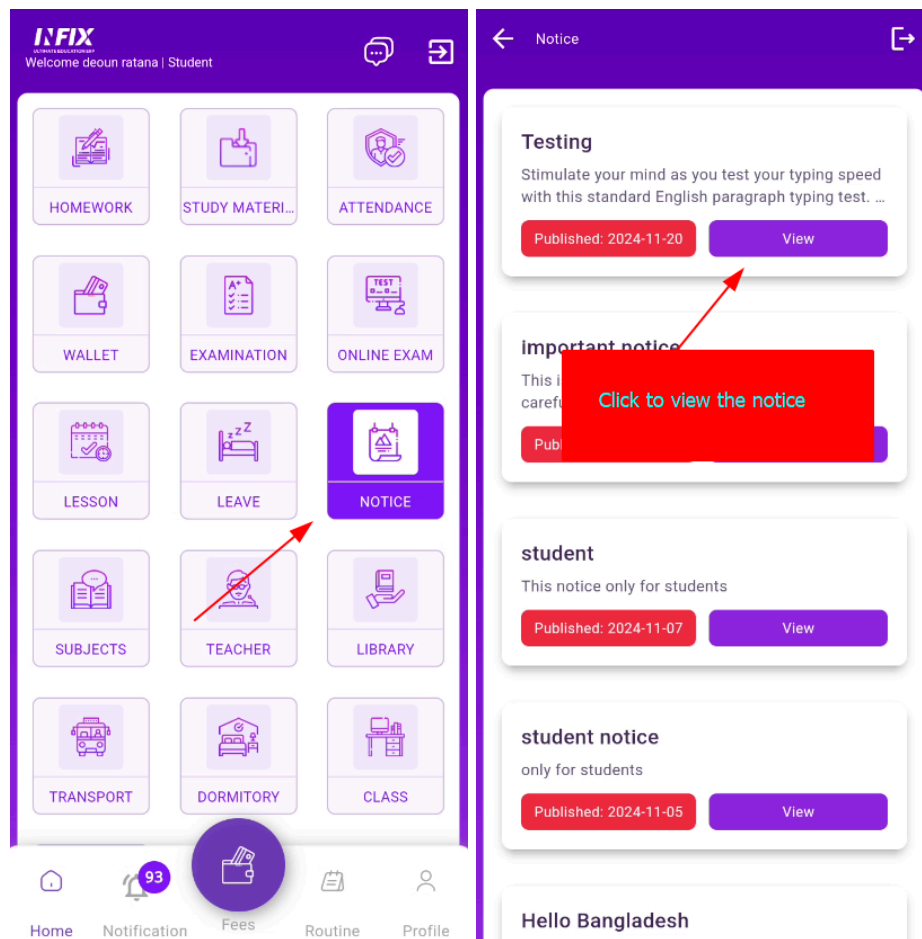
- **Lesson:** Students can view the lesson plan for their class.



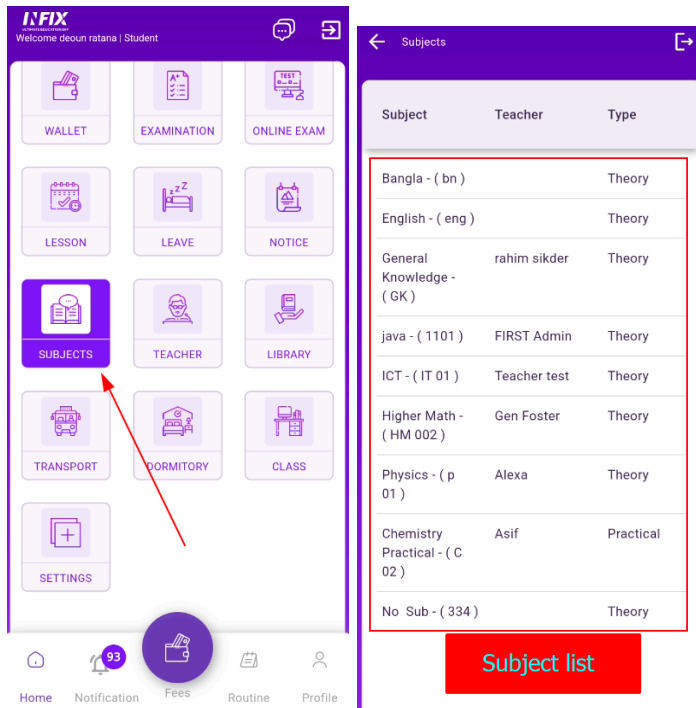
- **Leave:** Students can apply for leave and view their pending, approved, and canceled leave requests.



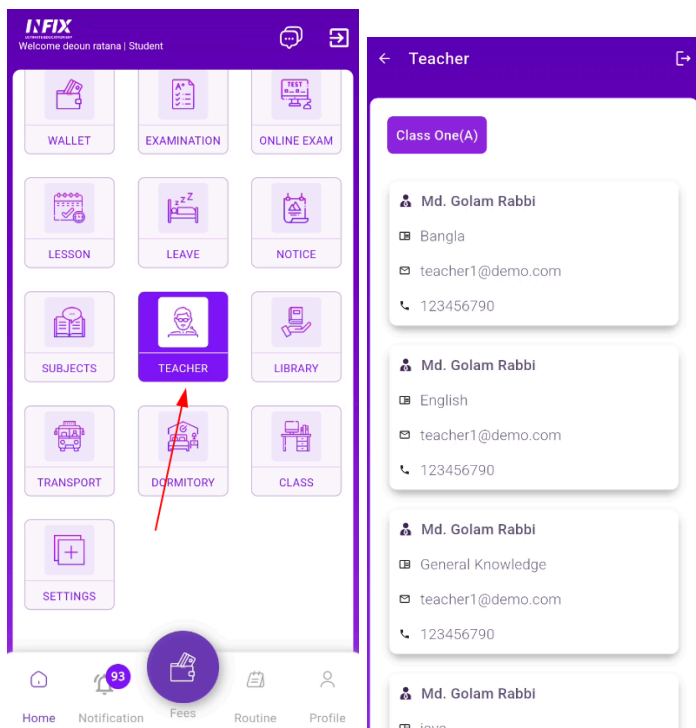
- **Notice:** Students can view the notices.



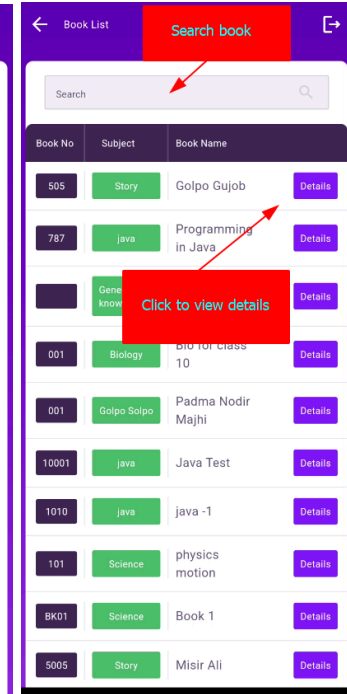
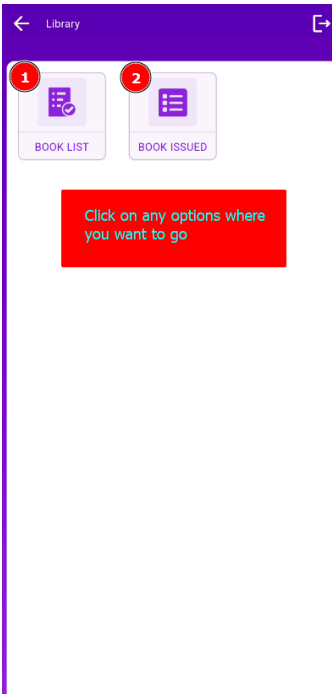
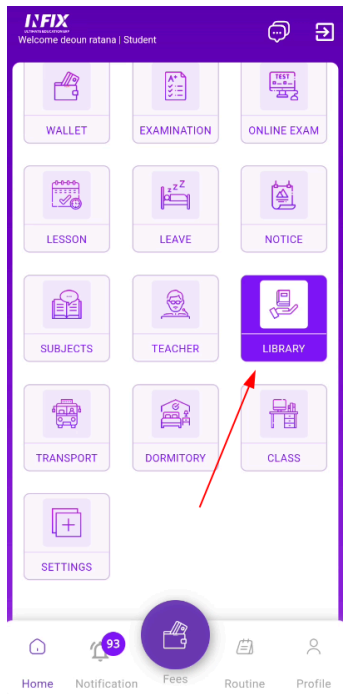
- **Subjects:** Students can view their subject list along with the teacher assigned to each subject.



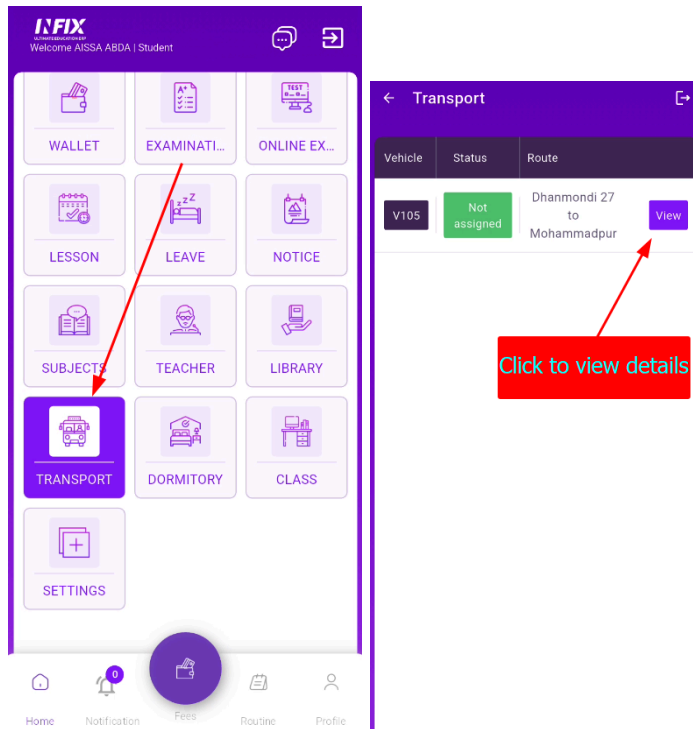
- **Teacher:** Students can view the list of teachers for their class.



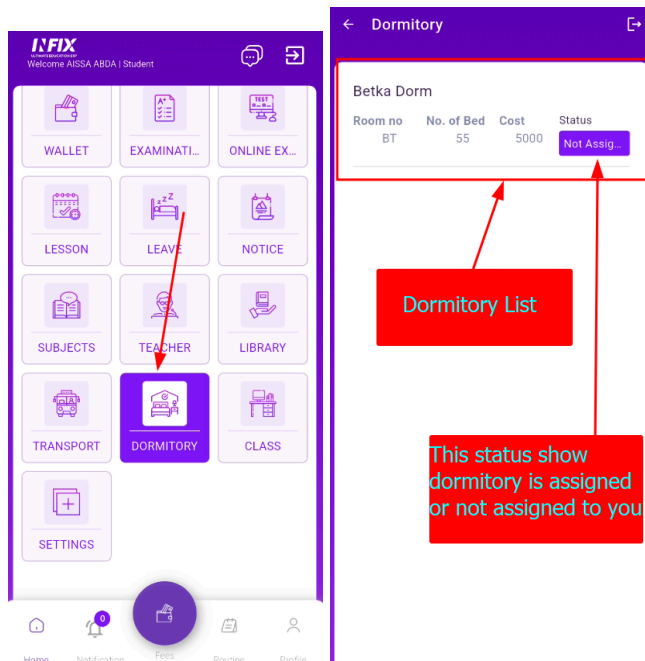
- **Library:** Students can view the books and book details in the library. If any books are assigned to the student, they will be listed in the assigned books section.



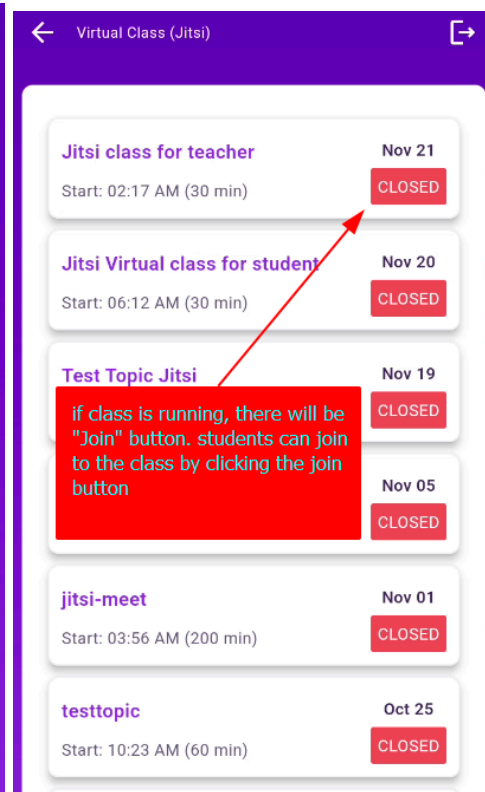
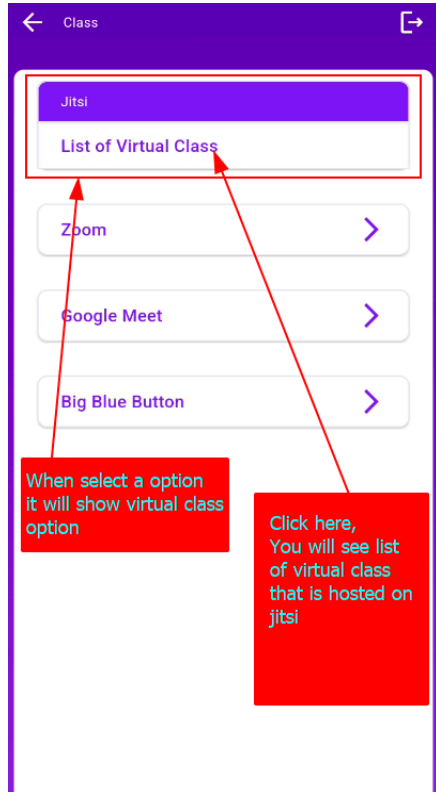
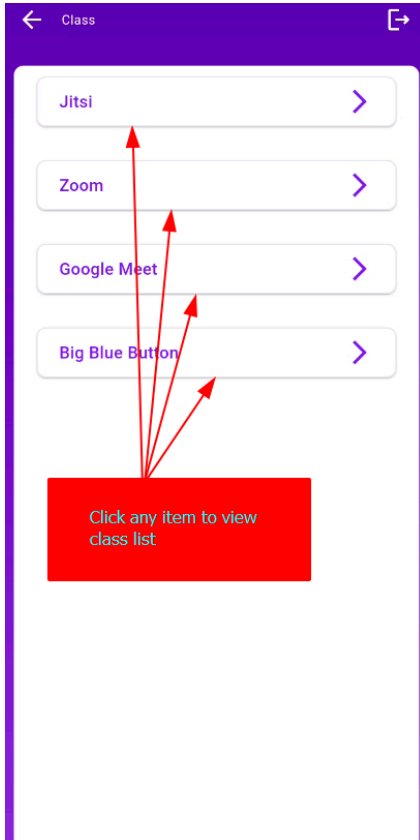
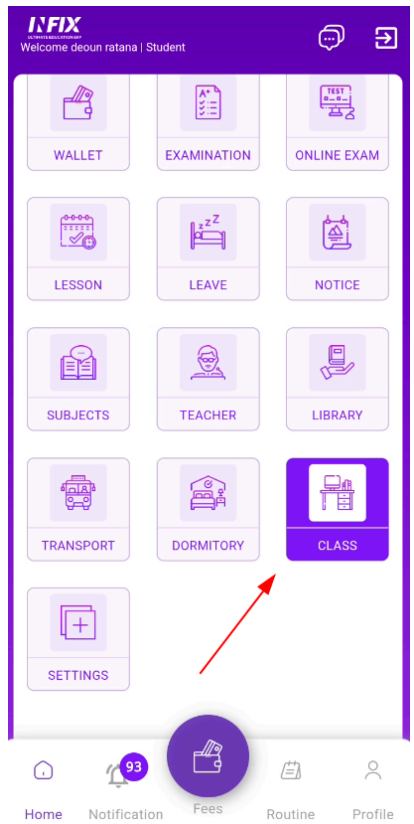
- **Transport:** In this section, students can view transport information such as vehicle details, routes, etc.



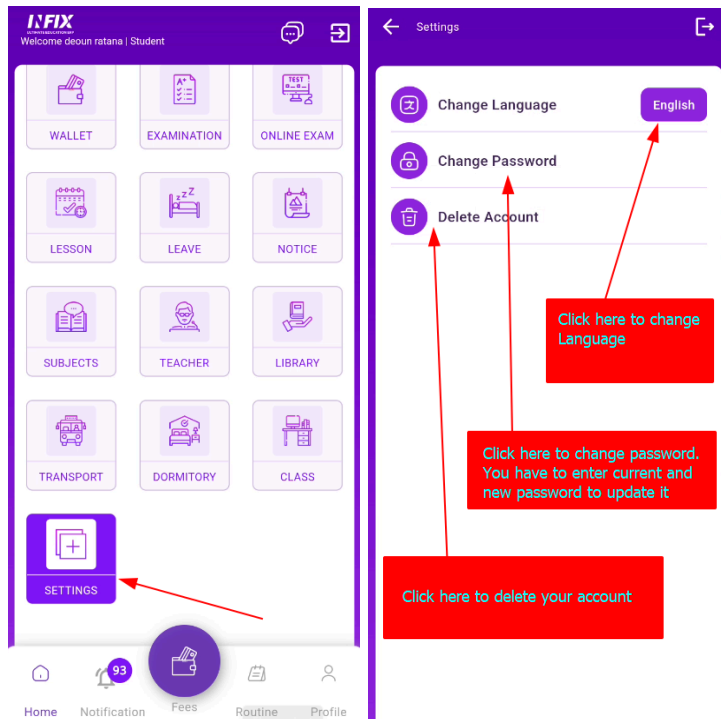
- **Dormitory:** This section shows dormitory-related information.



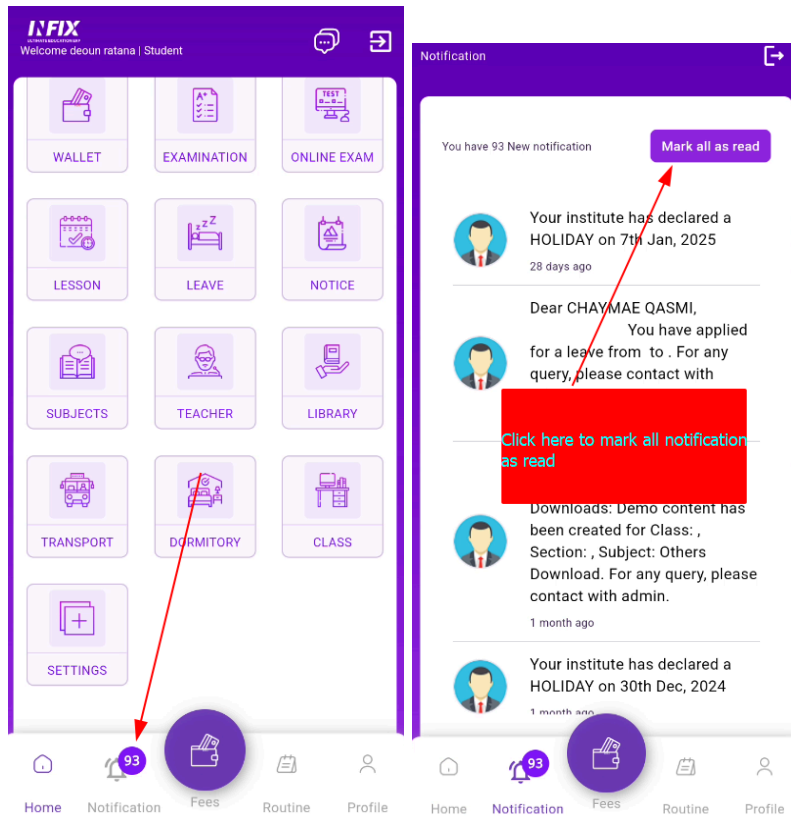
- **Class:** From this option, students will be able to join online classes using methods like Zoom, Jitsi, BBB, or Google Meet. These need to be configured from the web panel.



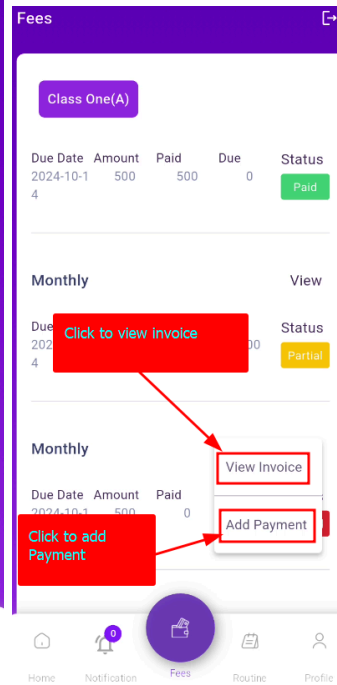
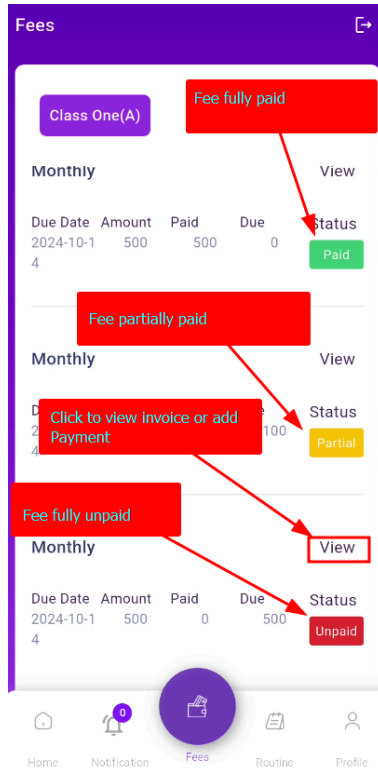
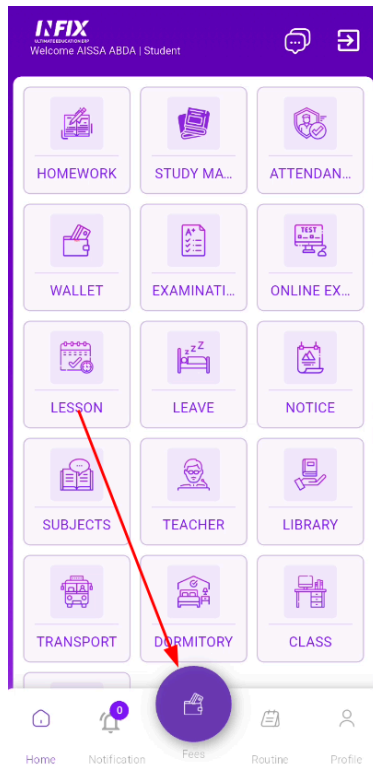
- **Settings:** Students will be able to change their password, change the app language, and delete their account.



- **Notifications:** Students will receive notifications about various school/class events.



- **Fees:** Students will be able to view a list of assigned fees and pay school fees through the app using different payment methods. Payment methods are controlled from the backend server.



← Invoice

INFIX
ULTIMATE EDUCATION ERP

Invoice: DJ-400-One-A-24
Created Date: 14th Oct, 2024
Due Date: 15th Oct, 2024

| Sub Total | Amount | Paid | Fine | Waiver |
|-----------|-----------|------|------|--------|
| \$ 500.00 | \$ 500.00 | 0 | 0 | 0 |

| | |
|--------------------|------------------|
| Total Amount | \$ 500.00 |
| Total Waiver | 0 |
| Total Fine | 0 |
| Total Paid | 0 |
| Grand Total | \$ 500.00 |
| Due Balance | \$ 500.00 |

DBBL

| | | |
|--------------|----------------|--------|
| Account Name | Account Number | Type |
| infix.edu | 64576765568 | saving |

Invoice view

← Add Payment

Admission Fees
Amount: 500 | Due: 500 **Pay Now**

Wallet Balance
\$ 11500

Add In Wallet
\$ 0

Select Payment Method

Bank DBBL-64...

Select File Upload...

Note

← Add Payment

Admission Fees **Pay Now**

Enter amount you want to Pay

Enter any additional Note

Add Payment

| Fees Type | Admission Fees |
|------------|------------------------|
| Amount | 500 |
| Due | 500 |
| Pay Amount | Pay Amount... 1 |
| Waiver | 0 |
| Fine | 0 |
| Note | Note... 2 |

Click here

3 Add Payment

← Add Payment

This payment method System will work same as descript on wallat section

After selecting payment method, Click on "Pay now"

Wallet Balance
\$ 11500

Add In Wallet
\$ 0

Select Payment Method

Bank DBBL-64...

Select File Upload...

Note

Pay Now

← Add Payment

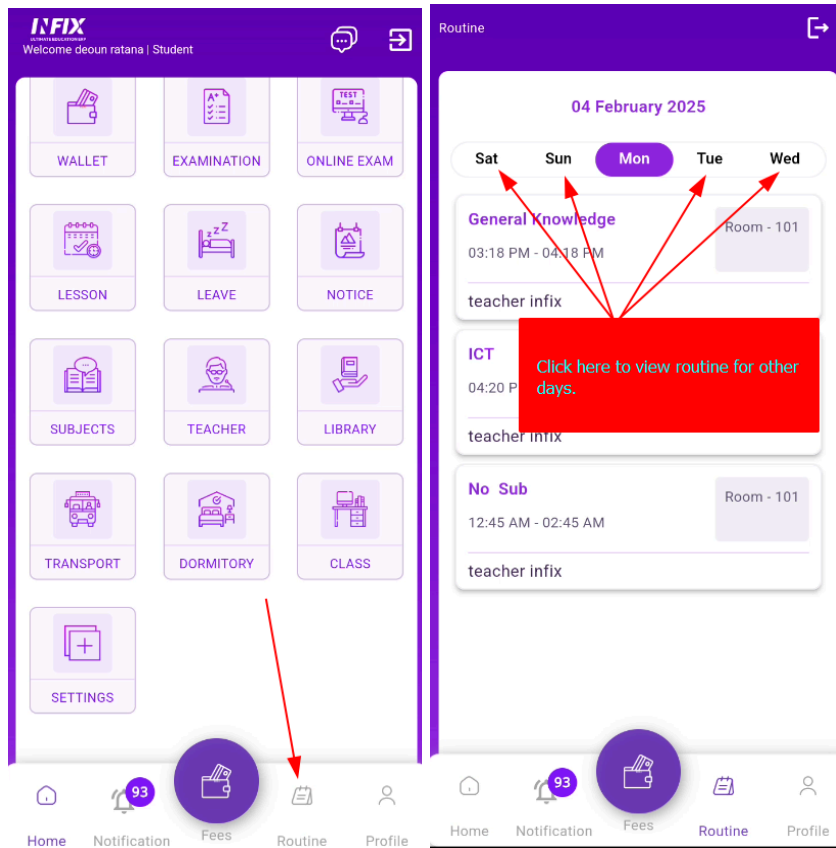
Payment Summery

| | |
|----------------|------------|
| Admission Fees | 100 |
| Total | 100 |

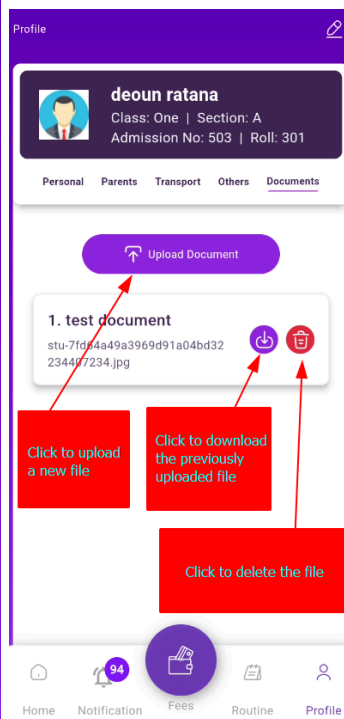
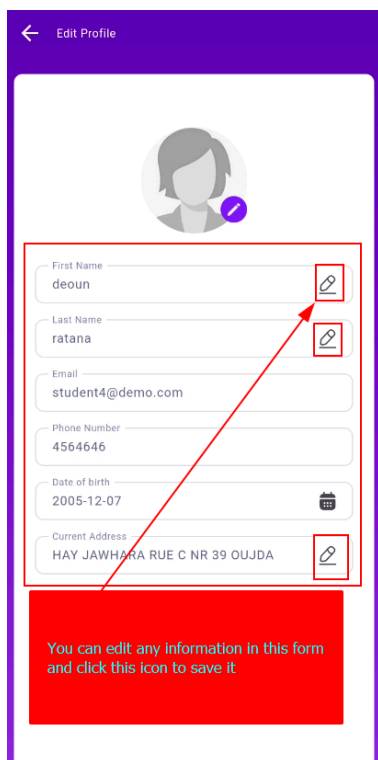
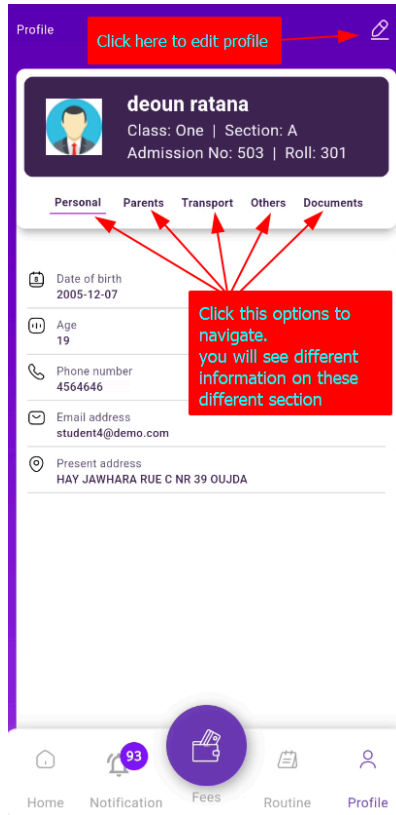
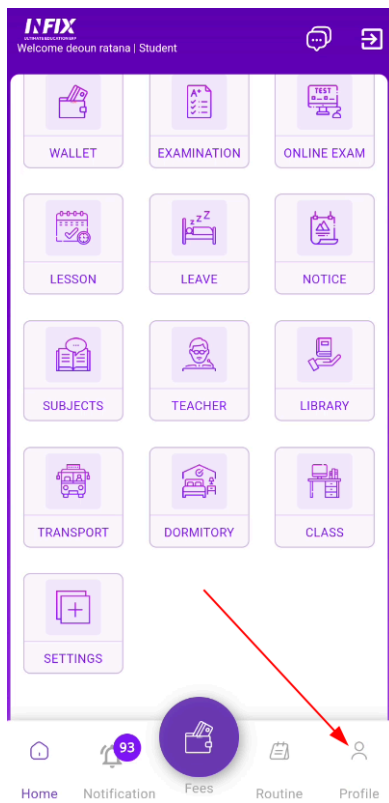
Now click "Confirm payment" if you pay using bank/cheque you have to wait for approval. else you will see a payment page after payment done, fee status will update

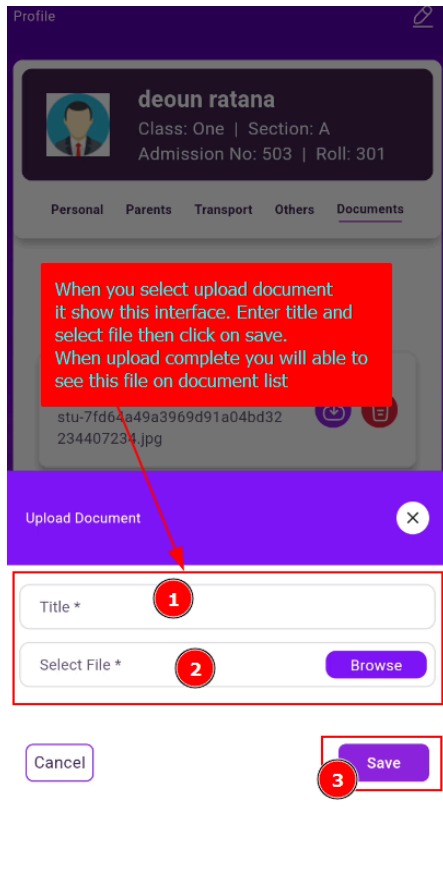
Cancel Confirm Payment

- **Routine:** Students will be able to view their class routine, day by day.

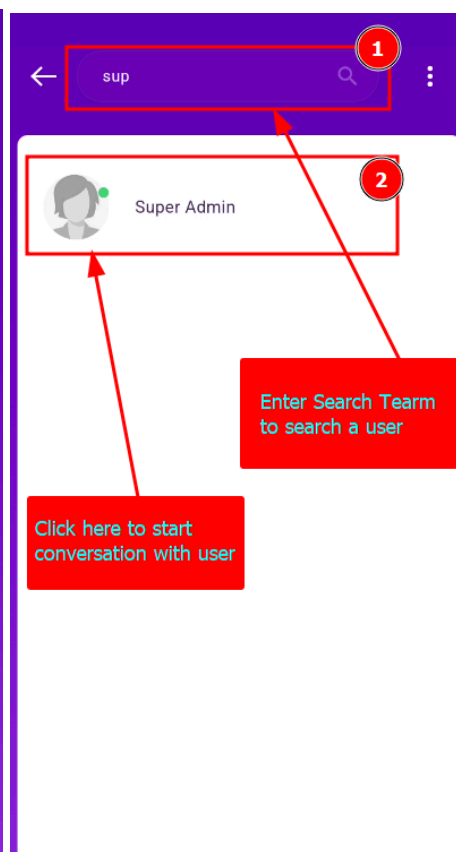
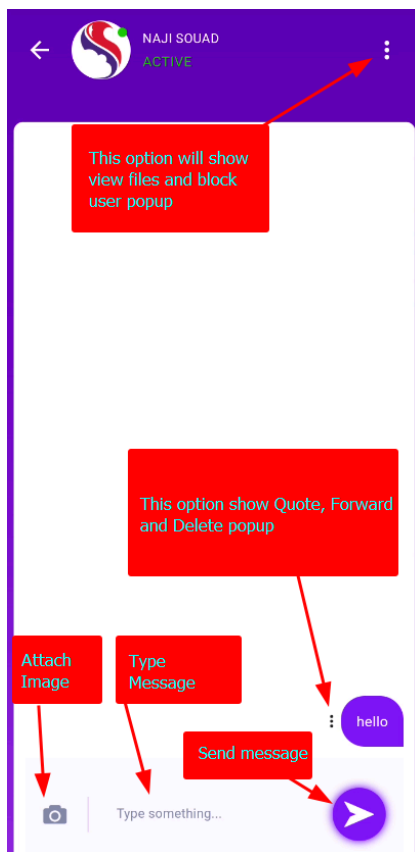
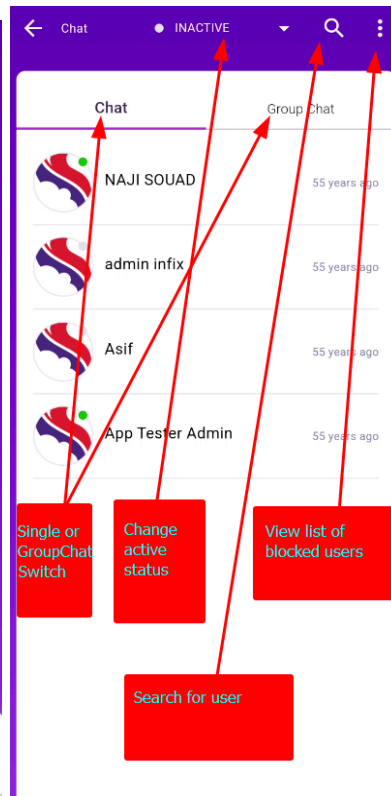
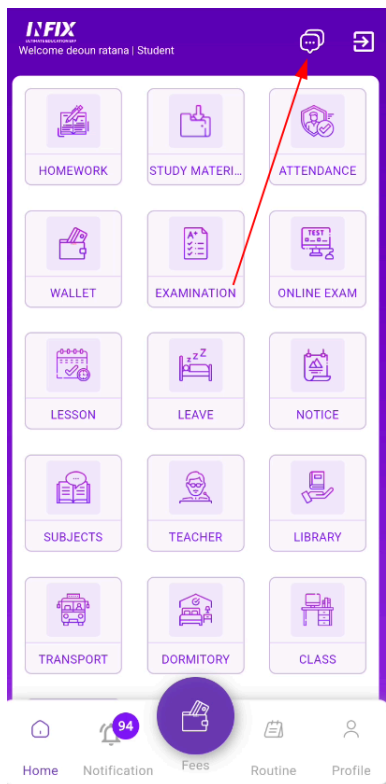


- **Profile:** Students will be able to view their personal information, parents' details, transport information, documents, and other details in the profile section, and edit them as needed.



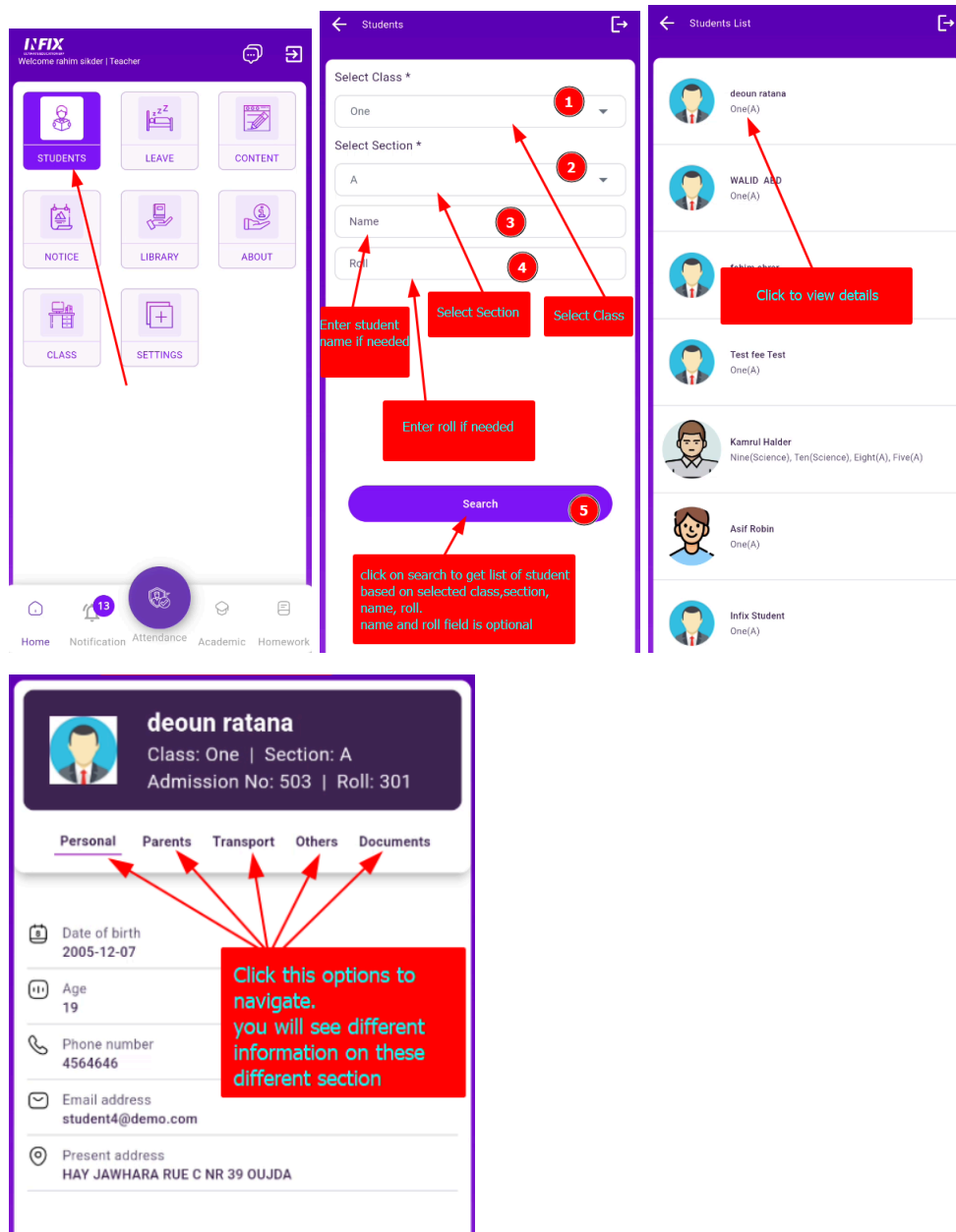


- **Chat:** Students can chat with other users of the app or website. They can have private conversations or group chats.

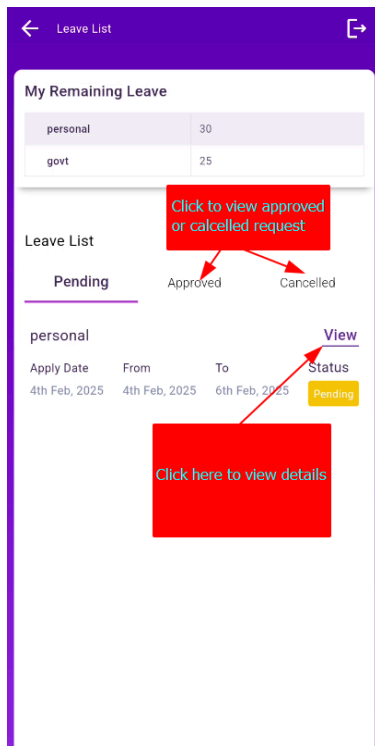
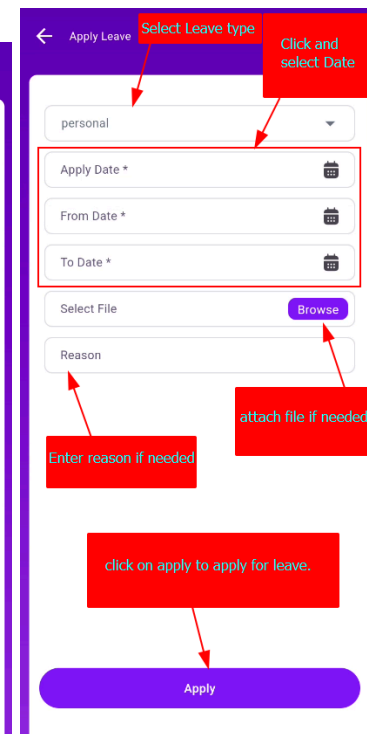
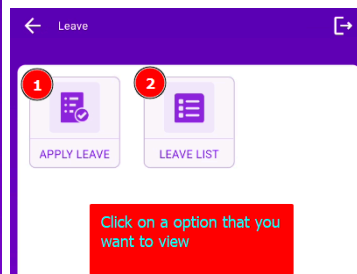
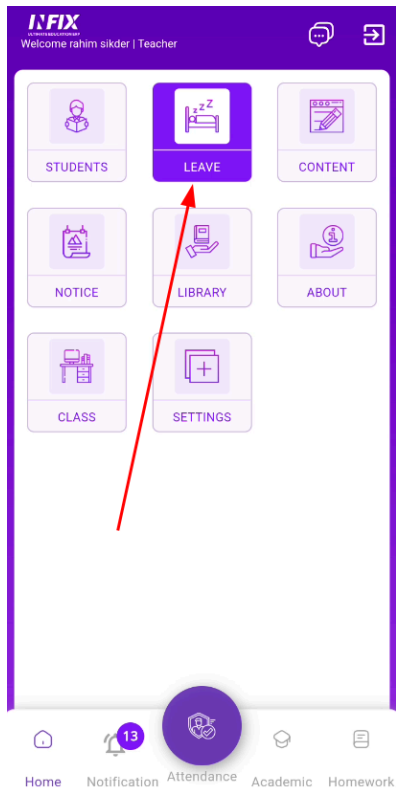


Teacher:

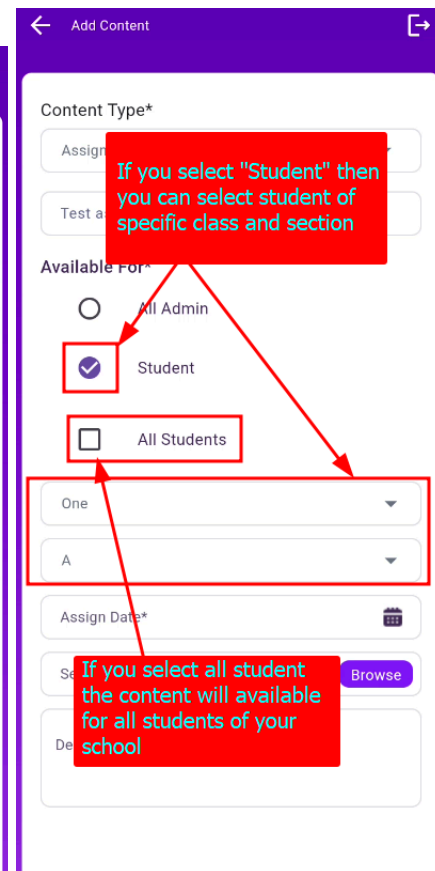
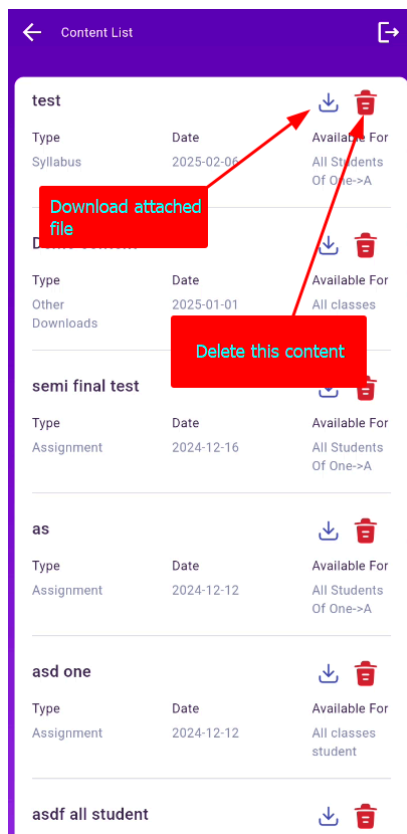
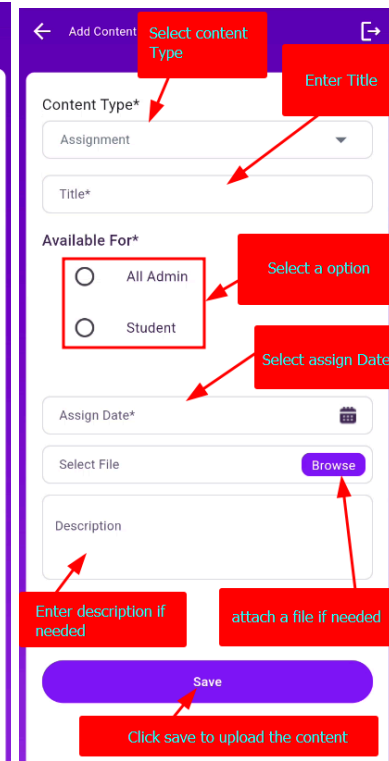
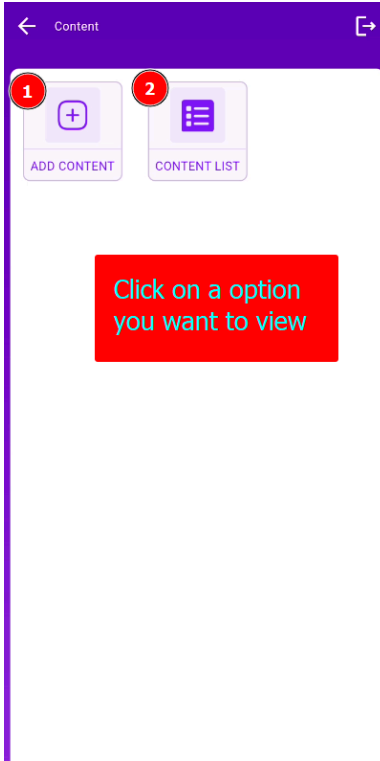
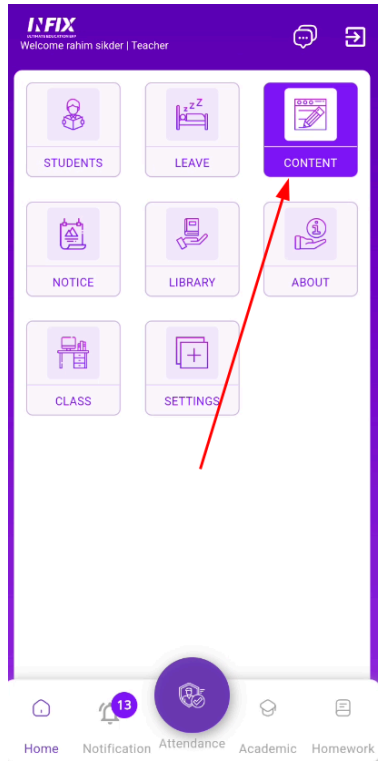
- **Students:** In this section, teachers can search for students by class, section, name, or roll number. They can also view the profile of each student.



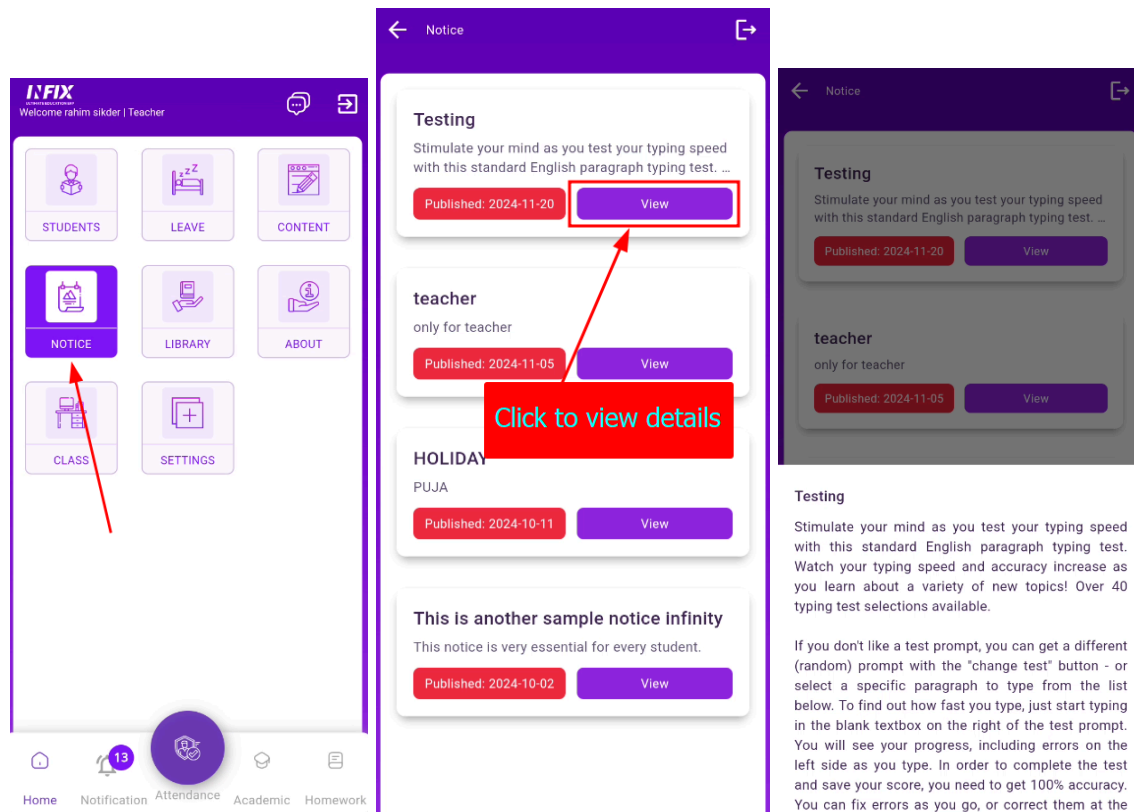
- **Leave:** Teachers can apply for leave and view their pending, approved, and canceled leave requests.



- **Content:** From this section, teachers can add content like assignments, syllabi, and other downloadable study material. They can also view and delete content.



- **Notice:** Teachers can view notices that are available for them.



- **Library:** Teachers can view books and book details in the library.

The screenshot displays the NFIX app interface. The top bar shows the user's name 'Welcome rahim sikder | Teacher'. The main menu includes buttons for STUDENTS, LEAVE, CONTENT, NOTICE, LIBRARY, ABOUT, CLASS, and SETTINGS. A red arrow points to the LIBRARY button. Below the menu is a bottom navigation bar with icons for Home, Notification (13), Attendance, Academic, and Homework.

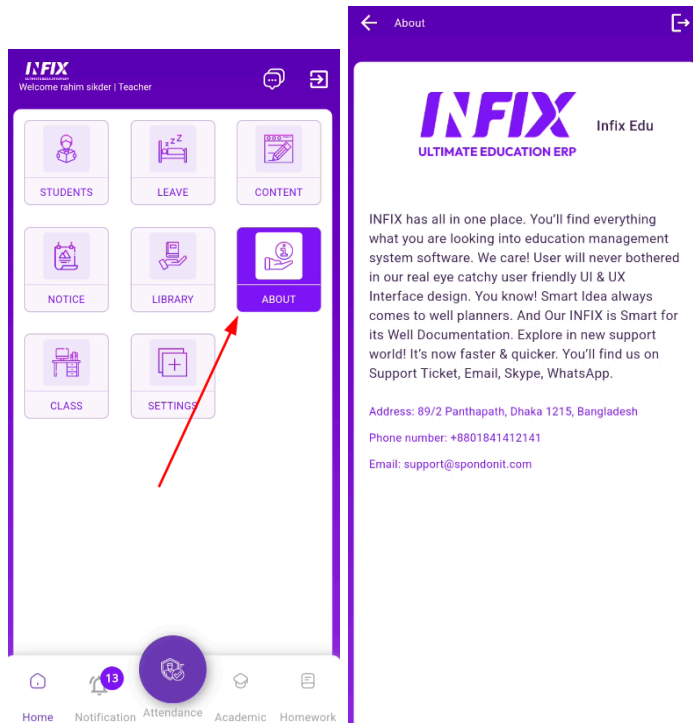
The 'Book List' screen shows a table of books with columns: Book No, Subject, Book Name, and a View button. A red box with the text 'Click to view Details of the Book' and a red arrow points to the View button for the book 'Test book'.

| Book No | Subject | Book Name | View |
|---------|-------------|-------------------|------|
| bk11 | Science | Book 1 | View |
| 123 | Science | Test book | View |
| | | Book 2 | View |
| | | Himu | View |
| | | Misir Ali | View |
| BK01 | Science | Book 1 | View |
| 101 | Science | physics motion | View |
| 1010 | java | java -1 | View |
| 10001 | java | Java Test | View |
| 001 | Golpo Solpo | Padma Nodir Majhi | View |
| 001 | Biology | Bio for class 10 | View |
| | General | Bangladesh | View |

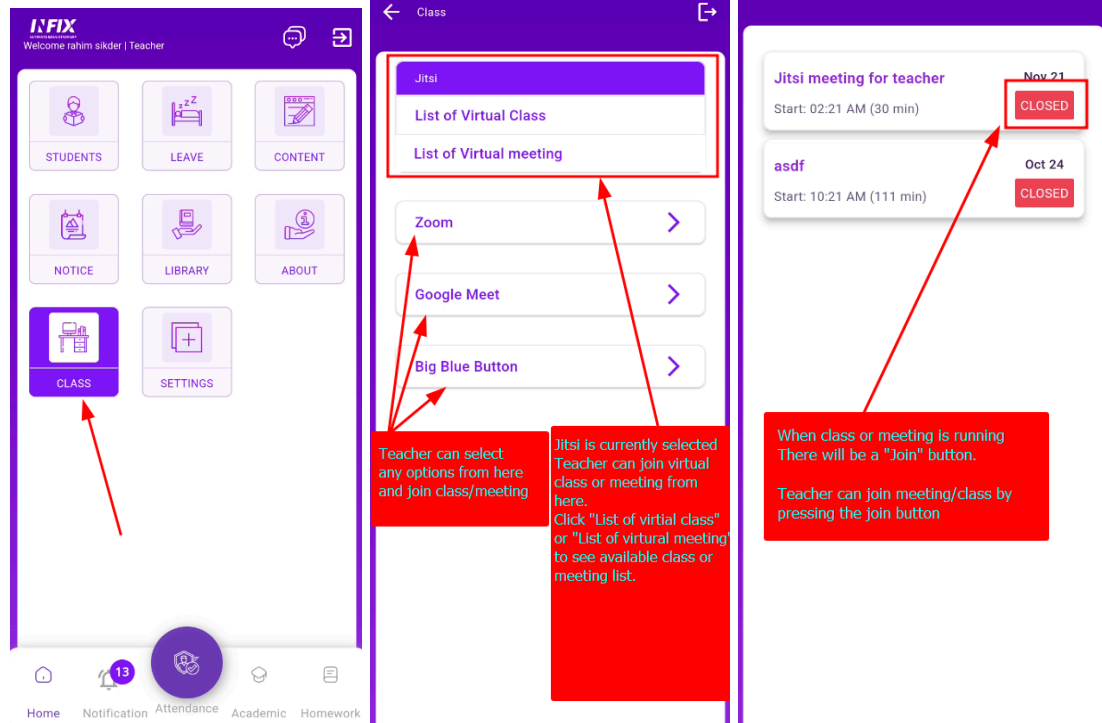
The 'Book 1' details screen shows a table with the following information:

| Book 1 | |
|----------------|---------|
| Book No | bk11 |
| Subject | Science |
| Publisher Name | Lecture |
| Author Name | Humayun |
| Quantity | 19 |
| Price | 400 |

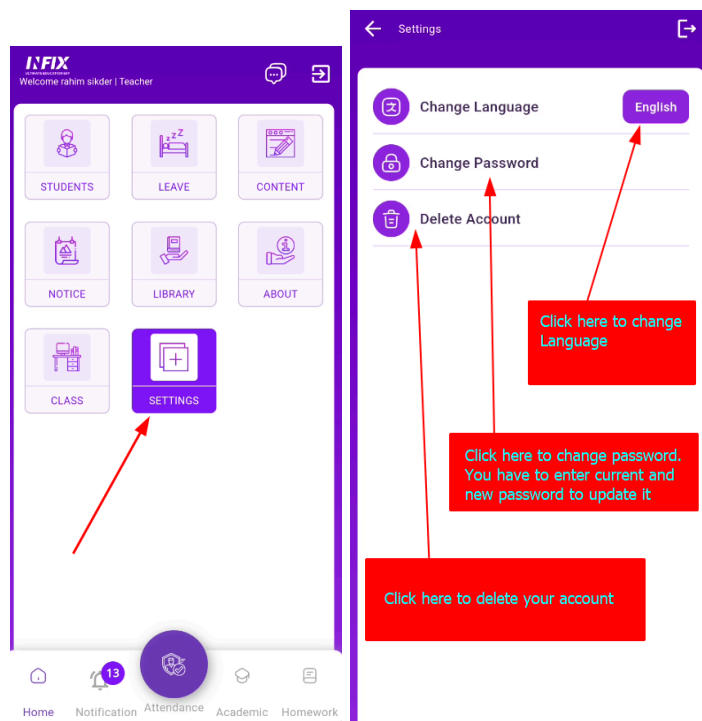
- **About:** This section contains information about the school.



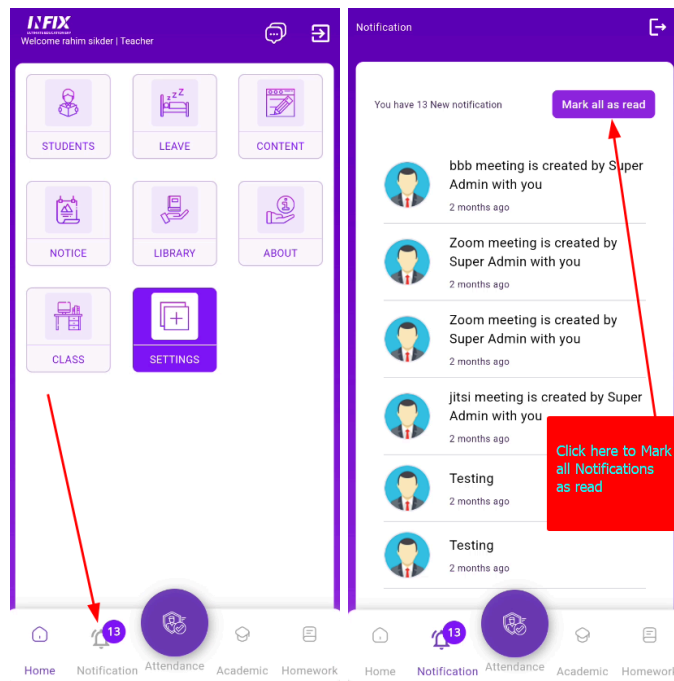
- **Class:** From this option, teachers will be able to join virtual classes and meetings using methods like Zoom, Jitsi, BBB, or Google Meet. These need to be configured from the web panel.



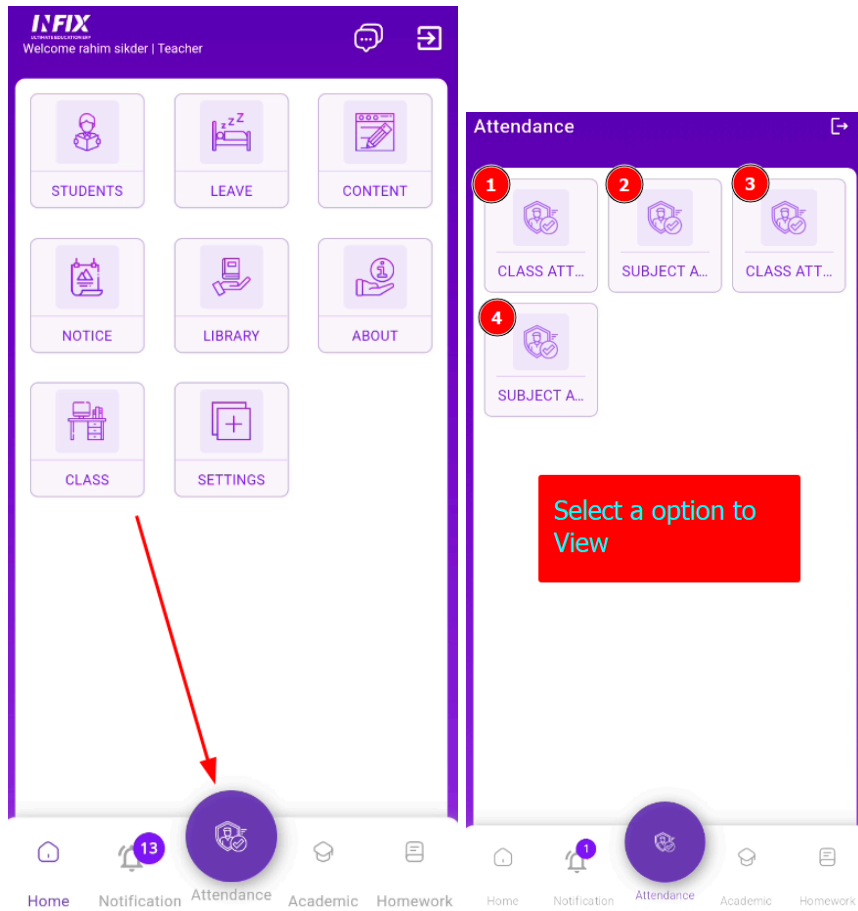
- **Settings:** Teachers will be able to change their password, change the app language, and delete their account.



- **Notifications:** Teachers will receive notifications about various school/class events.



- **Attendance:** Teachers can take class attendance, subject attendance, and search for class and subject attendance to view history. Teachers need to select the class, section, and date to submit attendance. They can also mark the day as a holiday from this section.



Class Attendance Search

Select Class *

One

Select Section *

A

2025-02-05

Search

Select class and section. then click "Search"

Set Class Attendance

Click to mark/unmark holiday

Student Attendance not done yet.
Select Present/Absent/Late/Half Day

Mark Holiday

Test fee Test

Add Note

Class: One | Section: A

Pres... Abs... Late Half ...

Asif Robin

Add Note

Class: One | Section: A

Pres... Abs... Late Half ...

Kamrul Halder

Add Note

Class: One | Section: A

Pres... Abs... Late Half ...

AISSA A

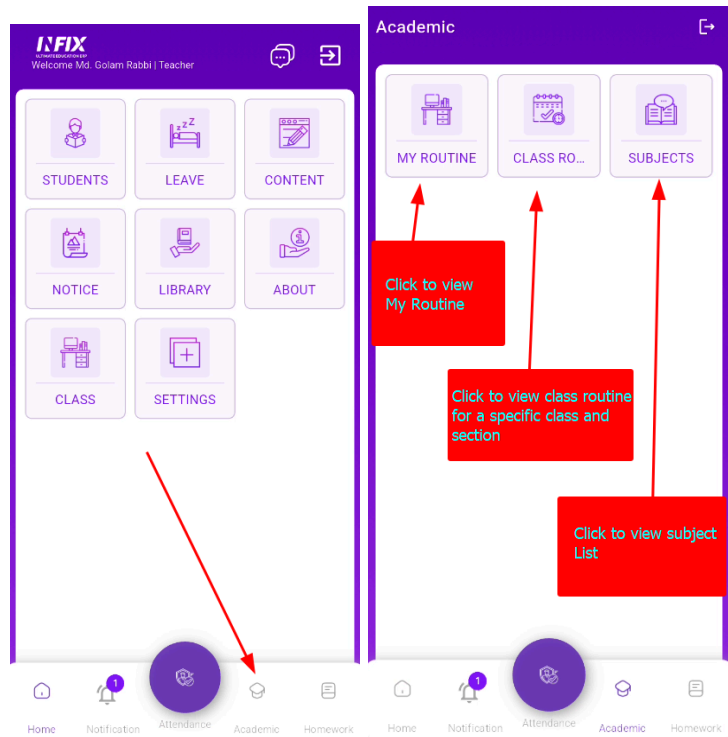
Click to save attendance

Class: One

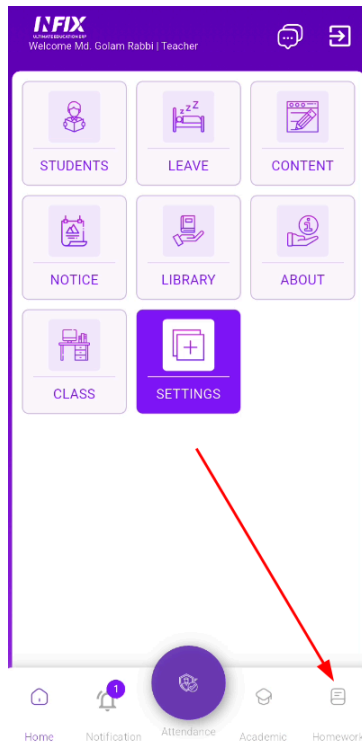
Pres... Abs... Late Half ...

Save

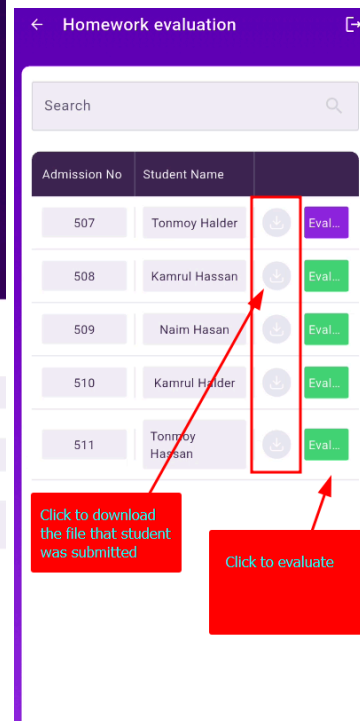
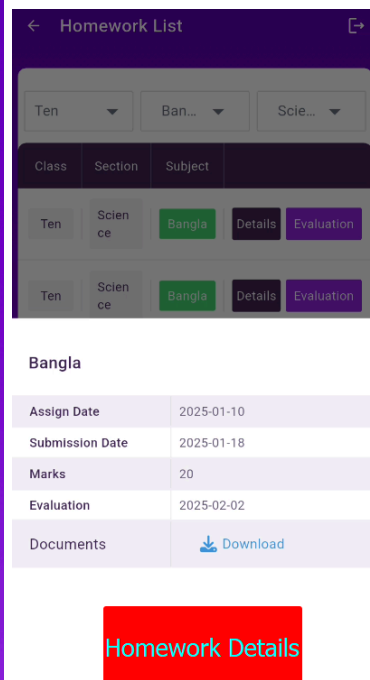
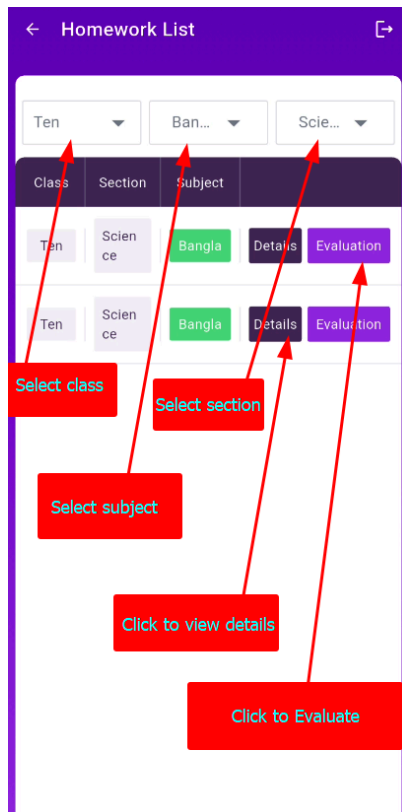
- Academic:** In this section, teachers can view their routine, view class routines by selecting subject and section, and see the list of subjects assigned to them.



- **Homework:** From this section, teachers can add homework for a specific class, section, and subject. They can add files, set assignment and submission dates, and also view and evaluate submitted homework.



The "Add Homework" form, titled "Add Homework". It contains the following fields: "Select Class *" (dropdown menu with "One" selected), "Select Subject *" (dropdown menu with "Bangla" selected), "Select Section *" (dropdown menu with "A" selected), "Assign Date *" (calendar icon), "Submission Date *" (calendar icon), "Select File" (with a "Browse" button), "Marks *" (text input), and "Description *" (text input). A "Save" button is at the bottom. A red box at the bottom contains the text: "Fill all information and click save to publish the homework for the specific class & section".



← Evaluate

Add Marks *

Comment

Good

Not Good

Homework Status

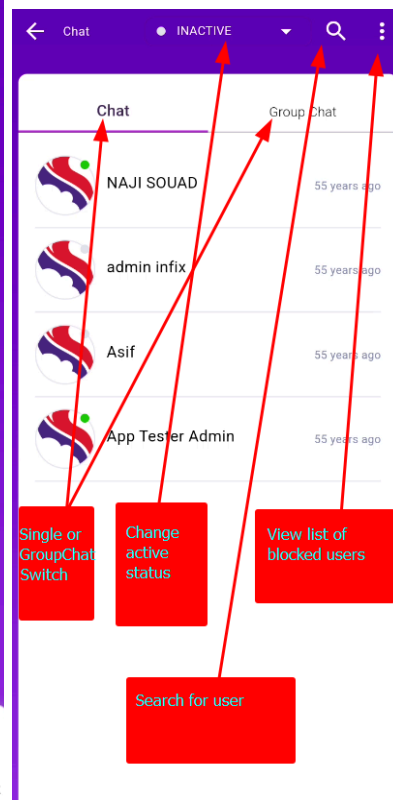
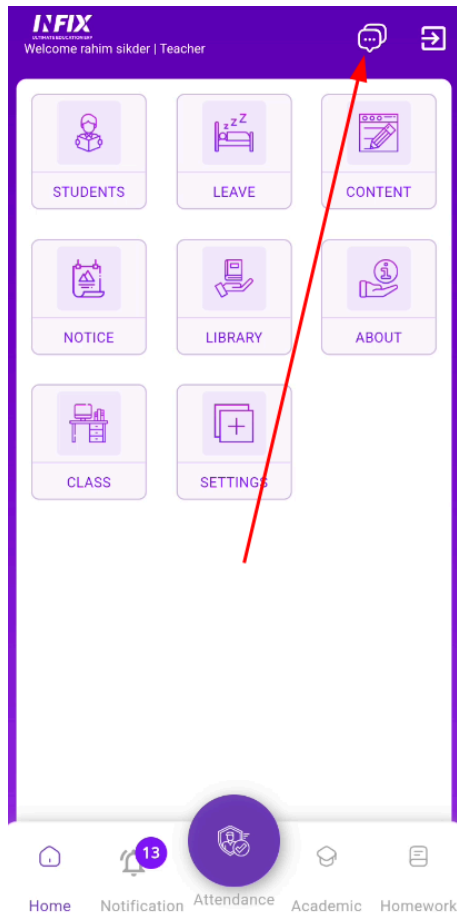
Completed

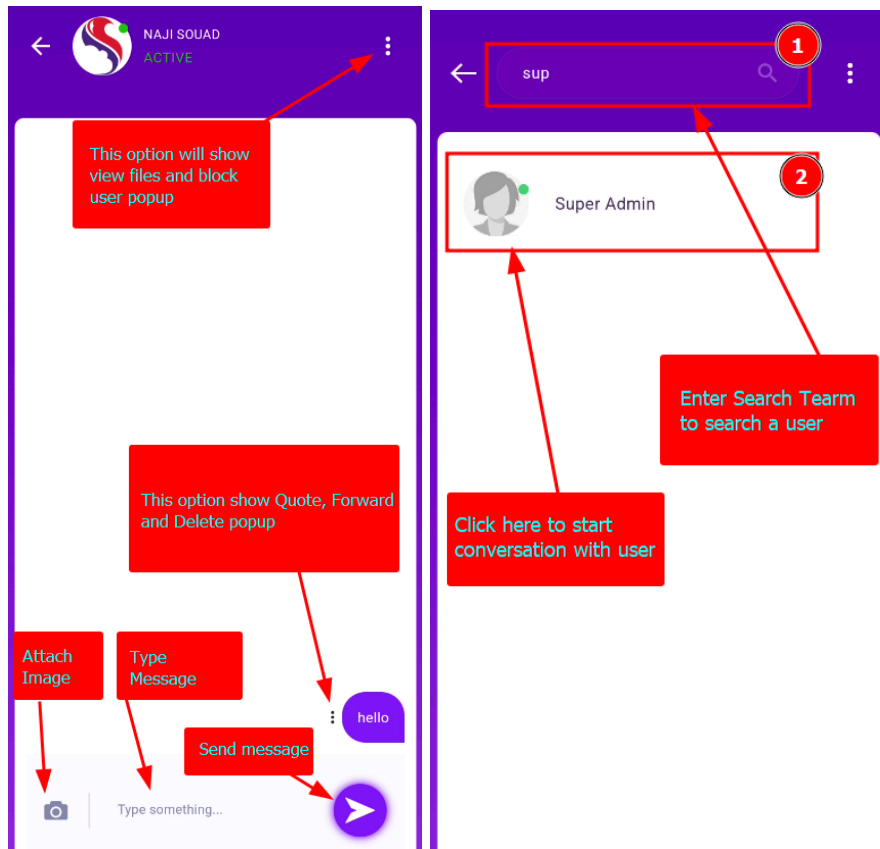
Not Completed

Evaluate

Add mark, comment and
select homework status.
Then click "Evaluate"

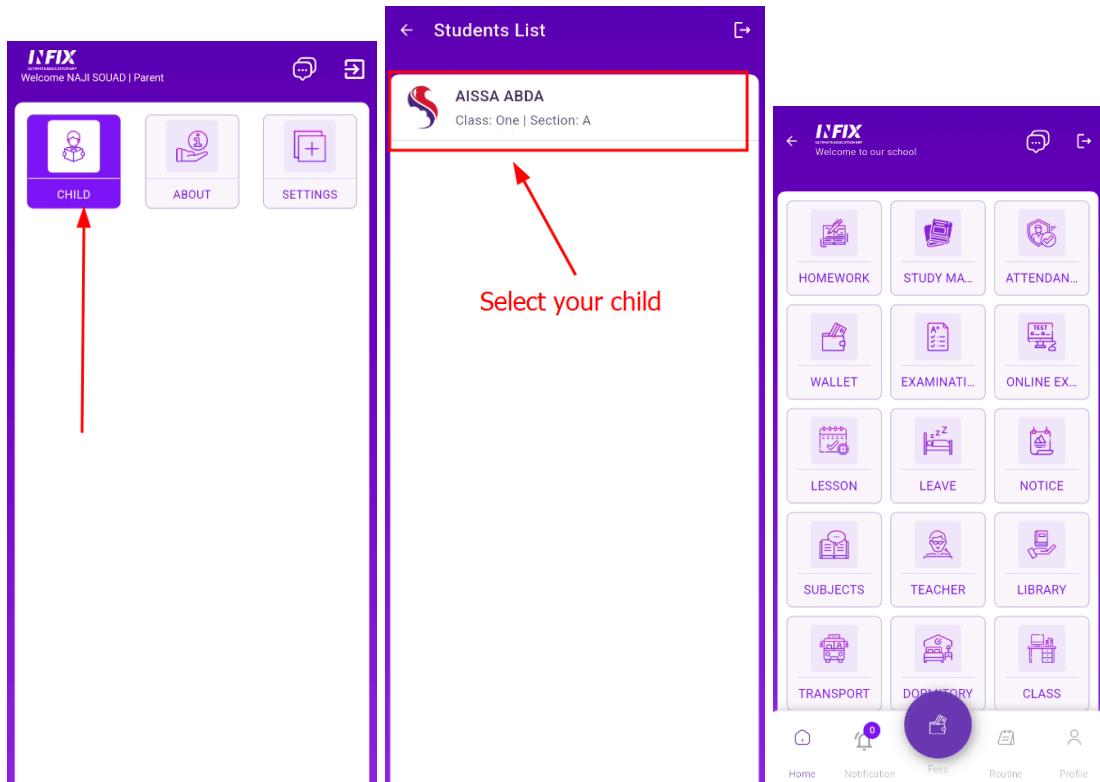
- **Chat:** Teachers can chat with other users of the app or website. They can have private conversations or group chats.



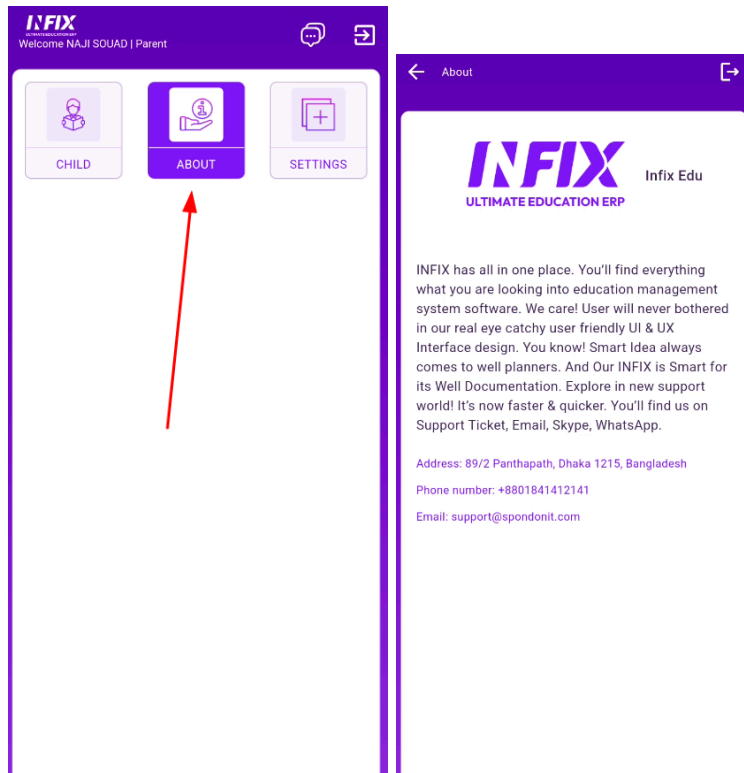


Parent:

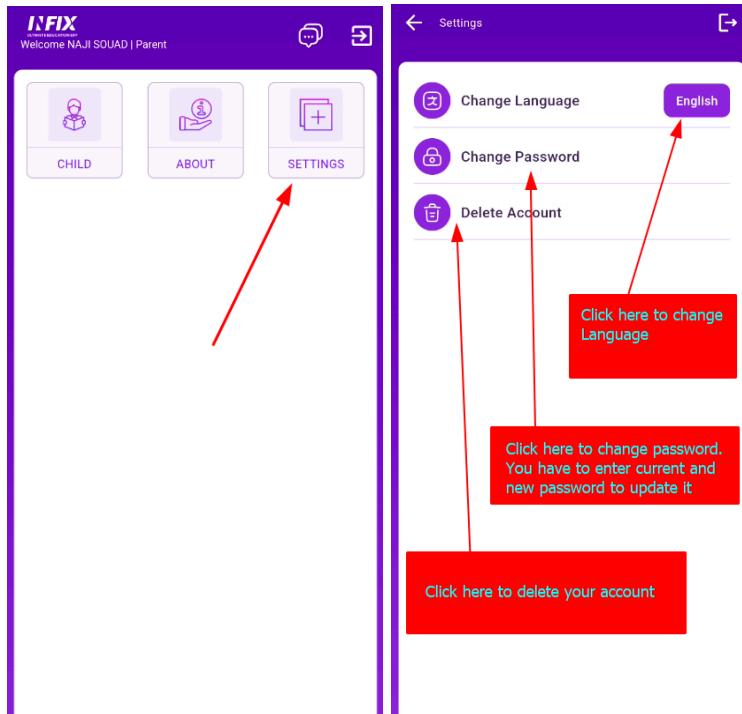
- Child:** The parents will be able to see a list of their children who are admitted to the school. When the parent selects a child, all options available in the student panel for the selected child will be displayed. User interface is same as student panel. But parent will not be able to join class and add money to wallet.



- **About:** The parent can view information about the school here.



- **Settings:** The parent can change their password, update the app language, or delete their account.



- **Chat:** Parents can chat with other users of the app or website. They can have private conversations or participate in group chats.

