

KIET ADMIN

Submitted in partial fulfilment of the Requirements for the Degree of

Master of Computer Applications

A PROJECT REPORT

Submitted by

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DECLARATION

I hereby declare that the work presented in this report entitled “Kiet_admin”, was carried out by me. I have not submitted the matter embodied in this report for the award of any other degree or diploma of any other University or Institute. I have given due credit to the original authors/sources for all the words, ideas, diagrams, graphics, computer programs, experiments, results, that are not my original contribution. I have used quotation marks to identify verbatim sentences and given credit to the original authors/sources. I affirm that no portion of my work is plagiarized, and the experiments and results reported in the report are not manipulated. In the event of a complaint of plagiarism and the manipulation of the experiments and results, I shall be fully responsible and answerable.

Name :

Roll. No. :

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(Candidate Signature)

CERTIFICATE

Certified that **Prachi Singh (University Roll No 1900290140023), Priyanka Patel (University Roll No 1900290140025)**, have carried out the project work having “Kiet Admin” for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU) (formerly UPTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself/herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

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This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

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ABSTRACT

Using the Internet to enhance e-learning has become a trend in modern higher education institutes-learning are increasingly becoming an important part of the strategy for delivering online and flexible e-learning. The main advantage of e-learning is the opportunity for students to interact electronically with each other and their teachers during forums, on discussion boards , by e-mail in chat rooms.

It supports educators and instructors to create courses, course content and make them available online. It support the features required by the both tutor and learner.

For tutor the features are like providing notices-books, adding and deleting faculties etc. For learners it offers many learning support features like downloading books read the course content and evaluation features like assignment, quiz etc.

With digital revolution, it is the use of smart devices to deliver lessons and activities for students, and even manage an entire class virtually,without the need for tangible objects like a traditional classroom furnished with tables,chairs and boards.

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Prachi Singh

Priyanka Patel

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CHAPTER 1

INTRODUCTION

1.1 PROJECT DESCRIPTION

Together with the rapidly increasing popularity of the Internet in recent years, there is an increasing demand for methodologies and technologies for e-learning. E-learning is an interactive learning in which the learning content is available on-line and provides automatic feedback to the student's learning activities.

It is an online platform where teachers and students can collaborate in order to improve student achievement. For students, it allows them to access their class online and work in it.

This app is designed for college administrators. For authentication purpose, the administrator itself needs to first register and then login every time they use it. The working for administrator is easy to do as they can add or remove any faculty according to their needs. It helps the faculty to deliver stuffs to the students and the study materials and manage record keeping.

The main reason for making this was that we could show all the things at one place. For example. Upload Notice, Images related to functions, eBooks etc. This is the platform where a higher authority can access it and share information. At the time of changes done by administrator like upload notice, upload eBooks etc. the user will get instant notification about those changes.

It provides a wonderful platform to manage resources and communication tools that are essential in academic environment.

1.2 PROJECT SCOPE

It is based on the world's most popular e-learning platform. It is easy to see why. It is flexible, open source and good to work on it. It provides the information to the users, eBooks, notices etc. Shows the description and information about different modules and relevant details about the faculties. It increases the efficiency of managing the information for users.

Deep customization and flexibility lets us do exactly what we want. Data –Based insights allow us to understand and improve the e learning process.

Unrivalled security for our data, media and users. constant ongoing improvement scope.

It reduces paper work.

It has exactly the functionality and features that we want, along with flexibility to adapt as things change in the future.

1.3 HARDWARE/SOFTWARE USED

1.3.1 Android Studio

Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ IDEA. On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps, such as:

- A flexible Gradle-based build system
- A fast and feature-rich emulator
- A unified environment where you can develop for all Android devices
- Apply Changes to push code and resource changes to your running app without restarting your app
- Code templates and GitHub integration to help you build common app features and import sample code
- Extensive testing tools and frameworks
- Lint tools to catch performance, usability, version compatibility, and other problems
- C++ and NDK support
- Built-in support for Google cloud Platform, making it easy to integrate Google Cloud Messaging and App Engine

Each project in Android Studio contains one or more modules with source code files and resource files. Types of modules include:

- Android app modules

- Library modules
- Google App Engine modules

All the build files are visible at the top level under **Gradle Scripts** and each app module contains the following folders:

- **manifests:** Contains the AndroidManifest.xml file.
- **java:** Contains the Java source code files, including JUnit test code.
- **res:** Contains all non-code resources, such as XML layouts, UI strings, and bitmap images.

1.3.2 JAVA

Java is a programming language and computing platform first released by Sun Microsystems in 1995. There are lots of applications and websites that will not work unless you have Java installed, and more are created every day. Java is fast, secure, and reliable. From laptops to data centers, game consoles to scientific supercomputers, cell phones to the Internet, Java is everywhere!

Java is the technology of choice for building applications using managed code that can execute on mobile devices.

Android is an open source software platform and Linux-based operating system for mobile devices. The Android platform allows developers to write managed code using Java to manage and control the Android device. Android applications can be developed by using the Java programming language and the Android SDK. So, familiarity with the basics of the Java programming language is a prerequisite for programming on the Android platform. This

article discusses where Java fits in mobile application development and how we can use Java and Android SDK to write applications that can work on Android devices.

What made Java be the technology of choice for mobile development for the Android platform? The Java Programming Language emerged in the mid-1990s; it was created by James Gosling of Sun Microsystems. Incidentally, Sun Microsystems was since bought by Oracle. Java has been widely popular the world over, primarily because of a vast array of features it provides. Java's promise of "Write once and run anywhere" was one of the major factors for the success of Java over the past few decades.

Java even made inroads into embedded processors technology as well; the Java Mobile Edition was built for creating applications that can run on mobile devices. All these, added to Java's meteoric rise, were the prime factors that attributed to the decision of adopting Java as the primary development language for building applications that run on Android. Java programs are secure because they run within a sandbox environment. Programs written in Java are compiled into intermediate code known as bytecode. This bytecode is then executed inside the context of the Java Virtual Machine.

1.4 BENEFITS

The most obvious benefits of this app include the development of knowledge amongst the users and the faculties.

- First it gives an organization somewhere to centrally house its work and development content. It can be stored ,managed ,update, deleted from within the same software.
- With this ,learners can access their e-learning environment from anywhere ,anytime.
- It is easy to integration .
- It has good content management.
- It is easy to use, which means you have to invest minimum time on training and learning to familiarize the users to use it effectively.
- Moodle-based LMS has a responsive design, which means that the content can adjust to different screen sizes, be it a mobile device or tablet. Also, with more and more people using their smartphones while on the move, it is important to ensure that the LMS supports mobile learning, implying that the content should be interactive and delivered in short segment.

CHAPTER 2

LITERATURE REVIEW

Together with the rapidly increasing popularity of the Internet in recent years, there is an increasing demand for methodologies and technologies for e-learning. E-learning is an interactive learning in which the learning content is available online and provides Automatic feedback to the student's learning activities.

It is an online platform where teachers and students can collaborate in order to improve student achievement. For students ,it allows them to access their class online and work in it.

Deep customization and flexibility lets us do exactly what we want. Data –Based insights allo us to understand and improve the e learning process.
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For tutor the features are like providing notices-books, adding and deleting faculties etc. For learners it offers many learning support features like downloading books read the course content and evaluation features like assignment, quiz etc.

CHAPTER 3

FEASIBILITY STUDY

Feasibility Study can be considered as preliminary investigation that helps the management to take decision about whether study of system should be feasible for development or not.

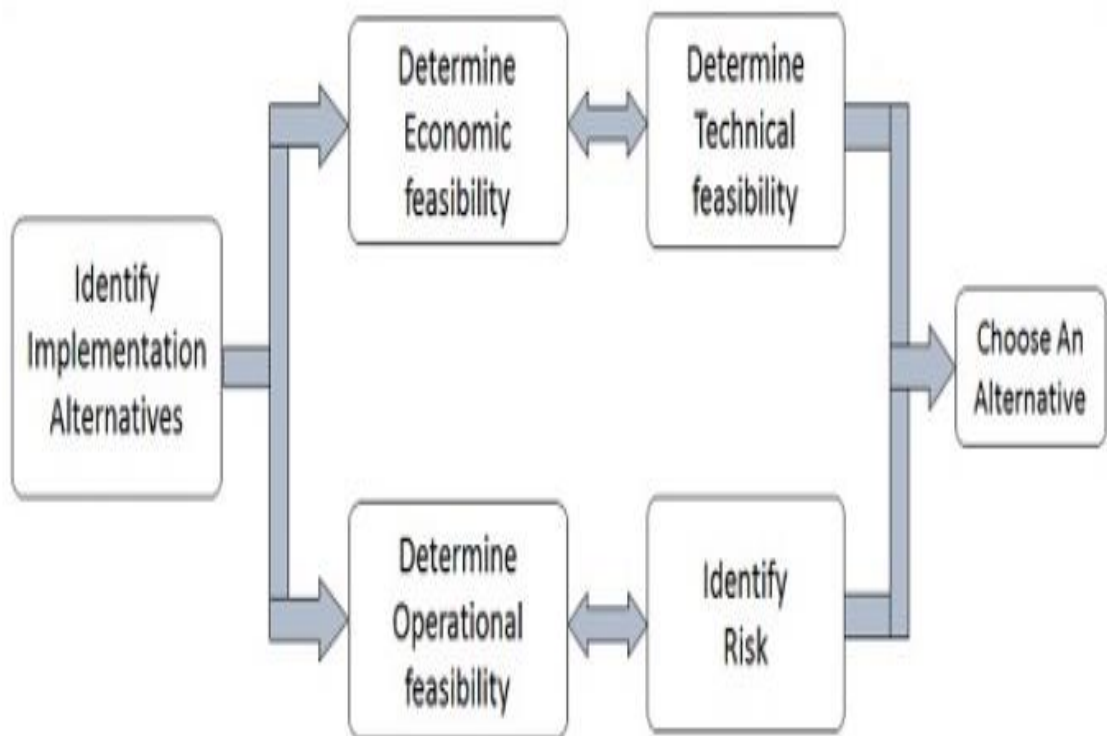
- It identifies the possibility of improving an existing system, developing a new system, and produce refined estimates for further development of system.
- It is used to obtain the outline of the problem and decide whether feasible or appropriate solution exists or not.
- The main objective of a feasibility study is to acquire problem scope instead of solving the problem.
- The output of a feasibility study is a formal system proposal act as decision document which includes the complete nature and scope of the proposed system.

Steps Involved in Feasibility Analysis

The following steps are to be followed while performing feasibility analysis –

- Form a project team and appoint a project leader.
- Develop system flowcharts.
- Identify the deficiencies of current system and set goals.

- Enumerate the alternative solution or potential candidate system to meet goals.
- Determine the feasibility of each alternative such as technical feasibility, operational feasibility, etc.
- Weight the performance and cost effectiveness of each candidate system.
- Rank the other alternatives and select the best candidate system.
- Prepare a system proposal of final project directive to management for approval.



3.1 TECHNICAL FEASIBILITY

This assessment is based on an outline design of system requirements, to determine whether the company has the technical expertise to handle completion of the project when writing a feasibility report, the following should be taken to consideration:

- A brief description of the business to assess more possible factors which could affect the study
- The part of the business being examined
- The human and economic factor
- The possible solutions to the problem

At this level, the concern is whether the proposal is both technically and legally feasible (assuming moderate cost).

The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

3.2 OPERATIONAL FEASIBILITY

Operational feasibility is the measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

The operational feasibility assessment focuses on the degree to which the proposed development project fits in with the existing business environment and objectives with regard to development schedule, delivery date, corporate culture and existing business processes.

To ensure success, desired operational outcomes must be imparted during design and development. These include such design-dependent parameters as reliability, maintainability, supportability, usability, predictability, disposability, sustainability, affordability and others. These parameters are required to be considered at the early stages of design if desired operational behaviors' are to be realized.

A system design and development requires appropriate and timely application of engineering and management efforts to meet the previously mentioned parameters. A system may serve its intended purpose most effectively when its technical and operating characteristics are engineered into the design.

Therefore, operational feasibility is a critical aspect of systems engineering that needs to be an integral part of the early design phases.

3.3BEHAVIORAL FEASIBILITY

It evaluates and estimates the user attitude or behavior towards the development of new system.

It helps in determining if the system requires special effort to educate, retrain, transfer, and changes in employee's job status on new ways of conducting business.

People are inherently resistant to change, and computers have been known to facilitate change. An estimate should be made of how strong a reaction the user staff is likely to have toward the development of a computerized system. [t is common knowledge that computer installations have something to do with turnover, transfers, retraining, and changes in employee job status. Therefore, it is understandable that the introduction of a candidate system requires special effort to educate, sell, and train the staff on new ways of conducting business.

3.4 Economic Feasibility

- It is evaluating the effectiveness of candidate system by using cost/benefit analysis method.
- It demonstrates the net benefit from the candidate system in terms of benefits and costs to the organization.
- The main aim of Economic Feasibility Analysis (EFS) is to estimate the economic requirements of candidate system before investments funds are committed to proposal.
- It prefers the alternative which will maximize the net worth of organization by earliest and highest return of funds along with lowest level of risk involved in developing the candidate system.

3.5 TIME FEASIBILITY

A time feasibility study will take into account the period in which the project is going to take up to its completion. A project will fail if it takes too long to be completed before it is useful. Typically this means estimating how long the system will take to develop, and if it can be completed in a given time period using some methods like payback period. Time feasibility is a measure of how reasonable the project timetable is. Given our technical expertise, are the project deadlines reasonable? Some projects are initiated with specific deadlines. It is necessary to determine whether the deadlines are mandatory or desirable.

3.5 FINANCIAL FESIBILITY

In case of a new project, financial viability can be judged on the following parameters:

- Total estimated cost of the project
- Financing of the project in terms of its capital structure, debt to equity ratio and promoter's share of total cost
- Existing investment by the promoter in any other business
- Projected cash flow and profitability The financial viability of a project should provide the following information:[12]
 - Full details of the assets to be financed and how liquid those assets are.
 - Rate of conversion to cash-liquidity (i.e., how easily the various assets can be converted to cash).
 - Project's funding potential and repayment terms.
 - Sensitivity in the repayments capability to the following factors:
 - Mild slowing of sales.
 - Acute reduction/slowing of sales.
 - Small increase in cost.
 - Large increase in cost.
 - Adverse economic condition.

3.6 Schedule Feasibility

It is defined as the probability of a project to be completed within its scheduled time limits, by a planned due date. If a project has a high probability to be completed on-time, then its schedule feasibility is appraised as high. In many cases a project will be unsuccessful if it takes longer than it was estimated: some external environmental conditions may change, hence a project can lose its benefits, expediency and profitability. If a work to be accomplished at a project does not fit the timeframes demanded by its customers, then a schedule is unfeasible (amount of work should be reduced or other schedule compression methods applied).

If the project managers want to see their projects completed before they can lose their utility, they (project managers) need to give proper attention to controlling their schedule feasibility: to calculate and continually reexamine whether it is possible to complete all amount and scope of work lying ahead, utilizing the given amount of resources, within required period of time. Schedule feasibility study includes use of the following matters:

- Project Estimation;
- Gantt and PERT charts;
- CPM (Critical Path Method);
- Change Management;

CHAPTER 4

SYSTEM DESIGN

4.1 INTRODUCTION

The design of the system consists of engineering activities to describe the architecture or structure of the system, as well as activities to describe the algorithms and Background functions required to implement the system requirements. It is a creative process concerned with how the system will be implemented, and its activities include architecture design, interface design and data structure design. There are often several possible design solutions for a particular system, and the designer will need to decide on the most appropriate solution [4]. The design may be specified in various ways such as graphical notations that display the relationships between the components making up the design. The notation may include flow graph, ER-Diagram, DFD and so on.

4.2FLOW CHART

A flowchart is a graphical representations of steps. It was originated from computer science as a tool for representing algorithms and programming logic but had extended to use in all other kinds of processes. Nowadays, flowcharts play an extremely important role in displaying information and assisting reasoning. They help us visualize complex processes, or make explicit the structure of problems and tasks. A flowchart can also be used to define a process or project to be implemented.

WHEN TO USE A FLOWCHART

- To develop understanding of how a process is done
- To study a process for improvement
- To communicate to others how a process is done
- When better communication is needed between people involved with the same process
- To document a process
- When planning a project

Flowchart Symbols

Different flowchart shapes have different conventional meanings. The meanings of some of the more common shapes are as follows:

The terminator symbol represents the starting or ending point of the system.



Process

A box indicates some particular operation.



Document

This represents a printout, such as a document or a report.



Decision

A diamond represents a decision or branching point. Lines coming out from the diamond indicates different possible situations, leading to different sub-processes.



Data

It represents information entering or leaving the system. An input might be an order from a customer. Output can be a product to be delivered.



CHAPTER 5

CODING

AndroidManifest.XML

```
<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

    package="com.example.admincollegeapp">

    <uses-permission android:name="android.permission.INTERNET" />

    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"
/>

    <application

        android:allowBackup="true"

        android:icon="@mipmap/ic_launcher"

        android:label="@string/app_name"

        android:roundIcon="@mipmap/ic_launcher_round"

        android:supportsRtl="true"
```

```

        android:theme="@style/Theme.AdminCollegeApp">

        <activity android:name=".notice.DeleteNoticeActivity"></activity>

        <activity android:name=".faculty.UpdateTeacherActivity" />

        <activity android:name=".SignupActivity" />

        <activity android:name=".faculty.UpdateFaculty" />

        <activity android:name=".faculty.AddTeacher" />

        <activity android:name=".UploadPdfActivity" />

        <activity android:name=".UploadImage" />

        <activity android:name=".notice.UploadNotice" />

        <activity android:name=".MainActivity">

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

    </application>

```

</manifest>

MainActivity

```
package com.example.admincollegeapp;
```

```
import android.annotation.SuppressLint;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import androidx.cardview.widget.CardView;
```

```
import com.example.admincollegeapp.faculty.UpdateFaculty;
```

```
import com.example.admincollegeapp.notice.DeleteNoticeActivity;
```

```
import com.example.admincollegeapp.notice.UploadNotice;
```

```
public class MainActivity extends AppCompatActivity implements View.OnClickListener  
{
```

```
    CardView uploadNotice,addGalleryImage,addEbook,faculty,deleteNotice;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        uploadNotice =findViewById(R.id.addNotice);
```

```
        addGalleryImage =findViewById(R.id.addGalleryImage);
```

```
        addEbook = findViewById(R.id.addEbook);
```

```
        faculty = findViewById(R.id.faculty);
```

```
        deleteNotice = findViewById(R.id.deleteNotice);
```

```

        uploadNotice.setOnClickListener(this);

        addGalleryImage.setOnClickListener(this);

        addEbook.setOnClickListener(this);

        faculty.setOnClickListener(this);

        deleteNotice.setOnClickListener(this);

    }

    @SuppressWarnings("NonConstantResourceId")

    @Override

    public void onClick(View v) {

        Intent intent;

        switch (v.getId()){

            case R.id.addNotice:

                intent =new Intent(MainActivity.this, UploadNotice.class);

                startActivity(intent);

                break;

```

```
case R.id.addGalleryImage:
```

```
    intent =new Intent(MainActivity.this,UploadImage.class);
```

```
    startActivity(intent);
```

```
    break;
```

```
case R.id.addEbook:
```

```
    intent =new Intent(MainActivity.this,UploadPdfActivity.class);
```

```
    startActivity(intent);
```

```
    break;
```

```
case R.id.faculty:
```

```
    intent =new Intent(MainActivity.this, UpdateFaculty.class);
```

```
    startActivity(intent);
```

```
    break;
```

```
case R.id.deleteNotice:
```

```
    intent =new Intent(MainActivity.this, DeleteNoticeActivity.class);
```

```
    startActivity(intent);
```

```
    break;
```

```
}
```

```
}  
  
}
```

UploadImage

```
package com.example.admincollegeapp;
```

```
import android.app.ProgressDialog;
```

```
import android.content.Intent;
```

```
import android.graphics.Bitmap;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.provider.MediaStore;
```

```
import android.view.View;
```

```
import android.widget.AdapterView;
```

```
import android.widget.ArrayAdapter;
```

```
import android.widget.Button;
```

```
import android.widget.ImageView;
```



```
import android.widget.Spinner;

import android.widget.Toast;


import androidx.activity.result.contract.ActivityResultContracts;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;

import androidx.cardview.widget.CardView;


import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.StorageReference;

import com.google.firebase.storage.UploadTask;


import java.io.ByteArrayOutputStream;

import java.io.IOException;

import java.util.Arrays;
```

```
import java.util.Objects;

public class UploadImage extends AppCompatActivity {

    private Spinner imageCategory;

    CardView selectImage;

    Button uploadImage;

    private ImageView galleryImageView;

    private String category;


    private final int REQ =1;

    private Bitmap bitmap;

    ProgressDialog progressDialog;


    private DatabaseReference reference;

    private StorageReference storageReference;

    String downloadUrl;
```

@Override

```
protected void onCreate(Bundle savedInstanceState) {  
  
    super.onCreate(savedInstanceState);  
  
    setContentView(R.layout.activity_upload_image);  
  
    selectImage = findViewById(R.id.selectImage);  
  
    imageCategory = findViewById(R.id.image_category);  
  
    uploadImage = findViewById(R.id.uploadImage);  
  
    galleryImageView = findViewById(R.id.galleryImageView);  
  
    reference = FirebaseDatabase.getInstance().getReference().child("gallery");  
  
    storageReference = FirebaseStorage.getInstance().getReference().child("gallery");  
  
    progressDialog = new ProgressDialog(this);
```

```
String[] items = new String[]{ "Select Category", "Convocation", "Independence Day",  
"Other Events"};
```

```
imageCategory.setAdapter(new ArrayAdapter<>(this,  
android.R.layout.simple_spinner_dropdown_item, items));
```

```
imageCategory.setOnItemClickListener(new  
AdapterView.OnItemClickListener() {  
  
    @Override  
  
    public void onItemClick(AdapterView<?> parent, View view, int position, long  
id) {  
  
        category = imageCategory.getSelectedItem().toString();  
  
    }  
  
}
```

```
    @Override  
  
    public void onNothingSelected(AdapterView<?> parent) {  
  
  
    }  
  
});
```

```

selectImage.setOnClickListener(v -> openGallery());

uploadImage.setOnClickListener(v -> {

    if(bitmap == null){

        Toast.makeText(UploadImage.this, "Plz Upload Image.",
Toast.LENGTH_SHORT).show();

    }else if (category.equals("Select Category")){

        Toast.makeText(UploadImage.this, "Plz Select Image Category",
Toast.LENGTH_SHORT).show();

    }else{

        progressDialog.setMessage("Uploading...");

        progressDialog.show();

        uploadImage();

    }
}

```

```

    });

}

/*

private void uploadImage() {

    ByteArrayOutputStream baos =new ByteArrayOutputStream();

    bitmap.compress(Bitmap.CompressFormat.JPEG,50,baos);

    byte[] finalimage = baos.toByteArray();

    final StorageReference filePath;

    filePath =storageReference.child(Arrays.toString(finalimage) +"jpg");

    final UploadTask uploadTask = filePath.putBytes(finalimage);

    uploadTask.addOnCompleteListener(UploadImage.this, task -> {

        if(task.isSuccessful()){

            uploadTask.addOnSuccessListener(taskSnapshot ->

filePath.getDownloadUrl().addOnSuccessListener(uri -> {

            downloadUrl = String.valueOf(uri);

            uploadData();

```

```

        ));

    } else {

        progressDialog.dismiss();

        Toast.makeText(UploadImage.this, "Something went Wrong",
Toast.LENGTH_SHORT).show();

    }

});

}

*/

private void uploadImage() {

    progressDialog.setMessage("Uploading...");

```

```

progressDialog.show();

ByteArrayOutputStream baos =new ByteArrayOutputStream();

bitmap.compress(Bitmap.CompressFormat.JPEG,50,baos);

byte[] finalimage = baos.toByteArray();

final StorageReference filePath;

filePath =storageReference.child("Notice").child(finalimage+".jpg");

final UploadTask uploadTask = filePath.putBytes(finalimage);

uploadTask.addOnCompleteListener(UploadImage.this, task -> {

    if(task.isSuccessful()){

        uploadTask.addOnSuccessListener(taskSnapshot ->

filePath.getDownloadUrl().addOnSuccessListener(uri -> {

        downloadUrl = String.valueOf(uri);

        uploadData();

    }));

    } else {

        progressDialog.dismiss();

```



```
        Toast.makeText(UploadImage.this, "Something went Wrong",  
        Toast.LENGTH_SHORT).show();
```

```
    }
```

```
});
```

```
}
```

```
private void uploadData() {
```

```
    reference = reference.child(category);
```

```
    final String uniqueKey = reference.push().getKey();
```

```
    assert uniqueKey != null;
```

```
    reference.child(uniqueKey).setValue(downloadUrl).addOnSuccessListener(unused ->
```

```
{
```

```
        progressDialog.dismiss();
```

```
        Toast.makeText(UploadImage.this, "Image Uploaded Successfully",  
        Toast.LENGTH_SHORT).show();
```

```
    }).addOnFailureListener(e -> Toast.makeText(UploadImage.this, "Some thing went  
wrong", Toast.LENGTH_SHORT).show());
```

```
}
```

```
private void openGallery() {
```

```
    Intent pickImage = new Intent(Intent.ACTION_PICK,  
    MediaStore.Images.Media.EXTERNAL_CONTENT_URI);
```

```
    startActivityForResult(pickImage,REQ);
```

```
}
```

```
@Override
```

```
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data)
{

    super.onActivityResult(requestCode, resultCode, data);

    if(requestCode ==REQ && resultCode == RESULT_OK){

        Uri uri = Objects.requireNonNull(data).getData() ;

        try {

            bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),uri);

        } catch (IOException e) {

            e.printStackTrace();

        }

        galleryImageView.setImageBitmap(bitmap);

    }

}
```

UploadPdfActivity

```
package com.example.admincollegeapp;

//import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;

import androidx.cardview.widget.CardView;

import android.annotation.SuppressLint;

import android.app.ProgressDialog;

import android.content.Intent;

import android.database.Cursor;

import android.net.Uri;
```

```
import android.os.Bundle;

import android.provider.OpenableColumns;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;


//import com.google.android.gms.tasks.OnCompleteListener;

//import com.google.android.gms.tasks.OnFailureListener;

import com.google.android.gms.tasks.Task;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.StorageReference;


import java.io.File;

import java.util.HashMap;
```

```
import java.util.Objects;

public class UploadPdfActivity extends AppCompatActivity {

    private TextView pdfTextView;

    private String pdfName, title;

    private CardView addPdf;

    private Button uploadPdfBtn;

    private EditText pdfTitle;

    private final int REQ = 1;

    private Uri pdfData;

    private DatabaseReference databaseReference;

    private StorageReference storageReference;

    private ProgressDialog pd;

    String downloadUrl;
```

```
{
```

```
    downloadUrl = "";
```

```
}
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_upload_pdf);
```

```
    databaseReference = FirebaseDatabase.getInstance().getReference();
```

```
    storageReference = FirebaseStorage.getInstance().getReference();
```

```
    pd = new ProgressDialog(this);
```

```

addPdf = findViewById(R.id.addPdf);

pdfTitle = findViewById(R.id.pdfTitle);

uploadPdfBtn = findViewById(R.id.uploadPdfBtn);

pdfTextView = findViewById(R.id.pdfTextView);


addPdf.setOnClickListener(v -> openGallery());


uploadPdfBtn.setOnClickListener(v -> {

    title = pdfTitle.getText().toString();

    if (title.isEmpty()) {

        pdfTitle.setError("Empty");

        pdfTitle.requestFocus();

    } else if (pdfData == null) {

        Toast.makeText(UploadPdfActivity.this, "Plz Upload pdf",
Toast.LENGTH_SHORT).show();

    } else {

```



```
        uploadPdf();  
  
    }
```

```
    });  
  
}
```

```
private void uploadPdf() {  
  
    pd.setTitle("Plz wait.....");  
  
    pd.setMessage("Uploading Pdf ");  
  
    pd.show();  
  
    StorageReference reference = storageReference.child("pdf/" + pdfName + "-"  
    "+System.currentTimeMillis()+".pdf");  
  
    reference.putFile(pdfData)  
  
        .addOnSuccessListener(taskSnapshot -> {  
  
            Task<Uri> uriTask = taskSnapshot.getStorage().getDownloadUrl();  
  
            while (!uriTask.isComplete()) ;  
  
        })  
  
    }  
}
```

```

        Uri uri = uriTask.getResult();

        uploadData(String.valueOf(uri));

    }).addOnFailureListener(e -> {

        pd.dismiss();

        Toast.makeText(UploadPdfActivity.this, "SomeThing went Wrong",
        Toast.LENGTH_SHORT).show();

    });

}

private void uploadData(String downloadUrl) {

    String uniqueKey = databaseReference.child("pdf").push().getKey();

    HashMap data = new HashMap();

    data.put("pdfTitle", title);

    data.put("pdfUrl", downloadUrl);

```

```

        assert uniqueKey != null;

        databaseReference.child("pdf").child(uniqueKey).setValue(data).addOnCompleteListener(t
ask -> {

            pd.dismiss();

            Toast.makeText(UploadPdfActivity.this, "Pdf    Uploaded    Successfully",
Toast.LENGTH_SHORT).show();

            pdfTitle.setText("");

        }).addOnFailureListener(e -> {

            pd.dismiss();

            Toast.makeText(UploadPdfActivity.this, "Failed    to    Upload    Pdf",
Toast.LENGTH_SHORT).show();

        });

```

```
}
```

```
private void openGallery() {
```

```
    Intent intent = new Intent();
```

```
    intent.setType("application/pdf");
```

```
    intent.setAction(Intent.ACTION_GET_CONTENT);
```

```
    startActivityForResult(Intent.createChooser(intent, "Select Pdf File"), REQ);
```

```
}
```

```
@Override
```

```
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data)
```

```
{
```

```
    super.onActivityResult(requestCode, resultCode, data);
```

```
    if (requestCode == REQ && resultCode == RESULT_OK) {
```

```

pdfData = data.getData();

if (pdfData.toString().startsWith("content://")) {

    Cursor cursor = null;

    try {

        cursor = UploadPdfActivity.this.getContentResolver().query(pdfData, null,
null, null, null);

        if (cursor != null && cursor.moveToFirst()) {

            pdfName =
cursor.getString(cursor.getColumnIndex(OpenableColumns.DISPLAY_NAME));

        }

    } catch (Exception e) {

        e.printStackTrace();

    }

} else if (pdfData.toString().startsWith("file://")) {

    pdfName = new File(pdfData.toString()).getName();

}

pdfTextView.setText(pdfName);

```

```
    }  
  
    }  
  
}
```

UploadNotice

```
package com.example.admincollegeapp.notice;  
  
import android.annotation.SuppressLint;  
  
import android.app.ProgressDialog;  
  
import android.content.Intent;  
  
import android.graphics.Bitmap;  
  
import android.net.Uri;  
  
import android.os.Bundle;  
  
import android.provider.MediaStore;
```

```
import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.Toast;


import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;

import androidx.cardview.widget.CardView;


import com.example.admincollegeapp.R;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.StorageReference;

import com.google.firebase.storage.UploadTask;


import java.io.ByteArrayOutputStream;
```

```
import java.io.IOException;

import java.text.SimpleDateFormat;

import java.util.Calendar;

import java.util.Objects;


public class UploadNotice extends AppCompatActivity {


    private ImageView noticeImageView;

    private CardView addImage;

    private EditText noticeTitle;

    private Button uploadNoticeBtn;

    private final int REQ =1;

    private Bitmap bitmap;

    private DatabaseReference reference,dbRef;

    private StorageReference storageReference;

    String downloadUrl ="";
```



```
private ProgressDialog pd;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_upload_notice);
```

```
    reference = FirebaseDatabase.getInstance().getReference();
```

```
    storageReference = FirebaseStorage.getInstance().getReference();
```

```
    pd = new ProgressDialog(this);
```

```
    addImage = findViewById(R.id.addImage);
```

```
    noticeImageView = findViewById(R.id.noticeImageView);
```

```
    noticeTitle = findViewById(R.id.noticeTitle);
```

```
    uploadNoticeBtn = findViewById(R.id.uploadNoticeBtn);
```

```

addImage.setOnClickListener(v -> openGallery());

uploadNoticeBtn.setOnClickListener(v -> {

    if(noticeTitle.getText().toString().isEmpty()){

        noticeTitle.setError("Empty");

        noticeTitle.requestFocus();

    }else if (bitmap == null){

        uploadData();

    }else

    {

        uploadImage();

    }

});

}

```

```

private void uploadImage() {

    pd.setMessage("Uploading...");

```

```

pd.show();

ByteArrayOutputStream baos =new ByteArrayOutputStream();

bitmap.compress(Bitmap.CompressFormat.JPEG,50,baos);

byte[] finalimage = baos.toByteArray();

final StorageReference filePath;

filePath =storageReference.child("Notice").child(finalimage+".jpg");

final UploadTask uploadTask = filePath.putBytes(finalimage);

uploadTask.addOnCompleteListener(UploadNotice.this, task -> {

    if(task.isSuccessful()){

        uploadTask.addOnSuccessListener(taskSnapshot ->

filePath.getDownloadUrl().addOnSuccessListener(uri -> {

        downloadUrl = String.valueOf(uri);

        uploadData();

    });

    } else {

        pd.dismiss();

```

```
        Toast.makeText(UploadNotice.this, "Something went Wrong",  
        Toast.LENGTH_SHORT).show();
```

```
    }
```

```
});
```

```
}
```

```
private void uploadData() {
```

```
    dbRef = reference.child("Notice");
```

```
    final String uniqueKey = dbRef.push().getKey();
```

```
String title = noticeTitle.getText().toString();
```

```
Calendar calForData =Calendar.getInstance();
```

```
@SuppressWarnings("SimpleDateFormat") SimpleDateFormat currentDate = new  
SimpleDateFormat("dd-MM-yy");
```

```
String date = currentDate.format(calForData.getTime());
```

```
Calendar calForTime = Calendar.getInstance();
```

```
@SuppressWarnings("SimpleDateFormat") SimpleDateFormat currentTime = new  
SimpleDateFormat("hh:mm a");
```

```
String time = currentTime.format(calForTime.getTime());
```

```
NoticeData noticeData = new NoticeData(title,downloadUrl,time,date,uniqueKey);
```

```
dbRef.child(Objects.requireNonNull(uniqueKey)).setValue(noticeData).addOnSuccessListener(aVoid -> {
```

```
    pd.dismiss();
```

```
    Toast.makeText(UploadNotice.this, "Notice Uploaded",  
    Toast.LENGTH_SHORT).show();
```

```

    }).addOnFailureListener(e -> {

        pd.dismiss();

        Toast.makeText(UploadNotice.this, "Something wrong",
            Toast.LENGTH_SHORT).show();

    });

}

private void openGallery() {

    Intent pickImage = new Intent(Intent.ACTION_PICK,
        MediaStore.Images.Media.EXTERNAL_CONTENT_URI);

    startActivityForResult(pickImage, REQ);

}

@Override

```

```

protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data)
{

    super.onActivityResult(requestCode, resultCode, data);

    if(requestCode ==REQ && resultCode == RESULT_OK){

        Uri uri = Objects.requireNonNull(data).getData();

        try {

            bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),uri);

        } catch (IOException e) {

            e.printStackTrace();

        }

        noticeImageView.setImageBitmap(bitmap);

    }

}
}

```

UpdateTeacherActivity

```
package com.example.admincollegeapp.faculty;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;


import android.content.Intent;

import android.graphics.Bitmap;

import android.net.Uri;

import android.os.Bundle;

import android.provider.MediaStore;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.Toast;
```



```
import com.example.admincollegeapp.R;

import com.google.android.gms.tasks.OnCompleteListener;

import com.google.android.gms.tasks.OnFailureListener;

import com.google.android.gms.tasks.OnSuccessListener;

import com.google.android.gms.tasks.Task;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.StorageReference;

import com.google.firebase.storage.UploadTask;

import com.squareup.picasso.Picasso;


import java.io.ByteArrayOutputStream;

import java.io.IOException;

import java.util.HashMap;

import java.util.Objects;
```

```

public class UpdateTeacherActivity extends AppCompatActivity {

    private ImageView updateTeacherImage;

    private EditText updateTeacherName,updateTeacherEmail,updateTeacherPost;

    private Button updateTeacherBtn,deleteTeacherBtn;

    private String name,email, post,image;

    private final int REQ =1;

    private Bitmap bitmap=null;

    private StorageReference storageReference;

    private DatabaseReference reference;

    private String downloadUrl,category,uniqueKey;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_update_teacher);

```

```
name = getIntent().getStringExtra("name");
```

```
email = getIntent().getStringExtra("email");
```

```
post = getIntent().getStringExtra("post");
```

```
image = getIntent().getStringExtra("image");
```

```
uniqueKey = getIntent().getStringExtra("key");
```

```
category = getIntent().getStringExtra("category");
```

```
updateTeacherImage = findViewById(R.id.updateTeacherImage);
```

```
updateTeacherName = findViewById(R.id.updateTeacherName);
```

```
updateTeacherEmail = findViewById(R.id.updateTeacherEmail);
```

```
updateTeacherPost = findViewById(R.id.updateTeacherPost);
```

```
updateTeacherBtn = findViewById(R.id.updateTeacherBtn);
```

```
deleteTeacherBtn = findViewById(R.id.deleteTeacherBtn);
```

```
reference = FirebaseDatabase.getInstance().getReference().child("teacher");
```

```
storageReference = FirebaseStorage.getInstance().getReference();
```

```
try {
```

```
    Picasso.get().load(image).into(updateTeacherImage);
```

```
} catch (Exception e) {
```

```
    e.printStackTrace();
```

```
}
```

```
updateTeacherEmail.setText(email);
```

```
updateTeacherName.setText(name);
```

```
updateTeacherPost.setText(post);
```

```
updateTeacherImage.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        openGallery();
```

```

    }

});

updateTeacherBtn.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        name =updateTeacherName.getText().toString();

        email =updateTeacherEmail.getText().toString();

        post =updateTeacherPost.getText().toString();

        checkValidation();

    }

});

deleteTeacherBtn.setOnClickListener(new View.OnClickListener() {

    @Override

```

```

        public void onClick(View v) {

            deleteData();

        }

    });

}

private void deleteData() {

    reference.child(category).child(uniqueKey).removeValue()

        .addOnCompleteListener(new OnCompleteListener<Void>() {

            @Override

            public void onComplete(@NonNull Task<Void> task) {

                Toast.makeText(UpdateTeacherActivity.this, "Teacher Deleted
                Successfully", Toast.LENGTH_SHORT).show();

                Intent intent =new Intent(UpdateTeacherActivity.this,UpdateFaculty.class);

                intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK
                |
                Intent.FLAG_ACTIVITY_CLEAR_TOP);

                startActivity(intent);
            }
        });
}

```

```

    }

    }).addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception e) {

    Toast.makeText(UpdateTeacherActivity.this, "Something Went Wrong",
Toast.LENGTH_SHORT).show();

    }

});

}

private void checkValidation() {

```

```
if(name.isEmpty()){

    updateTeacherName.setError("Empty");

    updateTeacherName.requestFocus();

}else if(post.isEmpty()){

    updateTeacherPost.setError("Empty");

    updateTeacherPost.requestFocus();

}else if(email.isEmpty()){

    updateTeacherEmail.setError("Empty");

    updateTeacherEmail.requestFocus();

}else if(bitmap == null){

    updateData(image);

}else {

    uploadImage();

}

}
```



```

private void uploadImage() {

    ByteArrayOutputStream baos =new ByteArrayOutputStream();

    bitmap.compress(Bitmap.CompressFormat.JPEG,50,baos);

    byte[] finalimage = baos.toByteArray();

    final StorageReference filePath;

    filePath =storageReference.child("Teachers").child(finalimage+".jpg");

    final UploadTask uploadTask = filePath.putBytes(finalimage);

    uploadTask.addOnCompleteListener(UpdateTeacherActivity.this, task -> {

        if(task.isSuccessful()){

            uploadTask.addOnSuccessListener(taskSnapshot ->

filePath.getDownloadUrl().addOnSuccessListener(uri -> {

            downloadUrl = String.valueOf(uri);

            updateData(downloadUrl);

```

```

        ));

    } else {

        // pd.dismiss();

        Toast.makeText(UpdateTeacherActivity.this, "Something went Wrong",
Toast.LENGTH_SHORT).show();

    }

});

}

private void updateData(String s) {

    HashMap hp =new HashMap();

```

```
hp.put("name",name);
```

```
hp.put("email",email);
```

```
hp.put("post",post);
```

```
hp.put("image",s);
```

```
reference.child(category).child(uniqueKey).updateChildren(hp).addOnSuccessListener(new  
OnSuccessListener() {
```

```
    @Override
```

```
    public void onSuccess(Object o) {
```

```
        Toast.makeText(UpdateTeacherActivity.this, "Teacher Updated Successfully",  
Toast.LENGTH_SHORT).show();
```

```
        Intent intent =new Intent(UpdateTeacherActivity.this,UpdateFaculty.class);
```

```
        intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK  
Intent.FLAG_ACTIVITY_CLEAR_TOP);
```

```
        startActivity(intent);
```

```

    }

    }).addOnFailureListener(new OnFailureListener() {

        @Override

        public void onFailure(@NonNull Exception e) {

            Toast.makeText(UpdateTeacherActivity.this, "SomeThing Wrong",
Toast.LENGTH_SHORT).show();

        }

    });

}

private void openGallery() {

    Intent pickImage = new Intent(Intent.ACTION_PICK,
MediaStore.Images.Media.EXTERNAL_CONTENT_URI);

    startActivityForResult(pickImage,REQ);

}

```

```

protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data)
{

    super.onActivityResult(requestCode, resultCode, data);

    if(requestCode ==REQ && resultCode == RESULT_OK){

        Uri uri = Objects.requireNonNull(data).getData() ;

        try {

            bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),uri);

        } catch (IOException e) {

            e.printStackTrace();

        }

        updateTeacherImage.setImageBitmap(bitmap);

    }

}
}

```

AddTeacher

```
package com.example.admincollegeapp.faculty;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;

import android.app.ProgressDialog;

import android.content.Intent;

import android.graphics.Bitmap;

import android.net.Uri;

import android.os.Bundle;

import android.provider.MediaStore;

import android.view.View;

import android.widget.AdapterView;
```

```
import android.widget.AdapterView;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.Spinner;

import android.widget.Toast;


import com.example.admincollegeapp.R;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.StorageReference;

import com.google.firebase.storage.UploadTask;


import java.io.ByteArrayOutputStream;

import java.io.IOException;

import java.util.Objects;
```

```
public class AddTeacher extends AppCompatActivity {

    private ImageView addTeacherImage;

    private EditText addTeacherName,addTeacherEmail,addTeacherPost;

    private Spinner addTeacherCategory;

    private Button addTeacherBtn;

    private final int REQ =1;

    private Bitmap bitmap =null;

    private String category;

    private String name ,email,post,downloadUrl ="";

    private ProgressDialog pd;

    private StorageReference storageReference;

    private DatabaseReference reference,dbRef;
```


@Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_add_teacher);
```

```
    addTeacherImage = findViewById(R.id.addTeacherImage);
```

```
    addTeacherName = findViewById(R.id.addteacherName);
```

```
    addTeacherEmail = findViewById(R.id.addteacherEmail);
```

```
    addTeacherPost = findViewById(R.id.addteacherPost);
```

```
    addTeacherCategory = findViewById(R.id.addTeacherCategory);
```

```
    addTeacherBtn = findViewById(R.id.addTeacherBtn);
```

```
    pd = new ProgressDialog(this);
```

```
    reference = FirebaseDatabase.getInstance().getReference().child("teacher");
```

```
storageReference = FirebaseStorage.getInstance().getReference();
```

```
String[] items = new String[]{"Select Category", "CS", "ME", "EC", "Civil"};
```

```
addTeacherCategory.setAdapter(new ArrayAdapter<>(this,  
android.R.layout.simple_spinner_dropdown_item, items));
```

```
addTeacherCategory.setOnItemClickListener(new  
AdapterView.OnItemClickListener() {
```

```
    @Override
```

```
    public void onItemClick(AdapterView<?> parent, View view, int position, long  
id) {
```

```
        category = addTeacherCategory.getSelectedItem().toString();
```

```
    }
```

```
    @Override
```

```
    public void onNothingSelected(AdapterView<?> parent) {
```

```
    }
```

```
});
```

```
addTeacherImage.setOnClickListener(v -> openGallery());
```

```
addTeacherBtn.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        checkValidation();
```

```
    }
```

```
});
```

```
}
```

```
private void checkValidation() {
```

```
    name = addTeacherName.getText().toString();
```

```
    email =addTeacherEmail.getText().toString();
```

```

post = addTeacherPost.getText().toString();

if(name.isEmpty()){

    addTeacherName.setError("Empty");

    addTeacherName.requestFocus();

}else if(email.isEmpty()){

    addTeacherEmail.setError("Empty");

    addTeacherEmail.requestFocus();

}else if(post.isEmpty()){

    addTeacherPost.setError("Empty");

    addTeacherPost.requestFocus();

}else if(category.equals("Select Category")){

    Toast.makeText(this, "Plz Provide Teacher Category",
Toast.LENGTH_SHORT).show();

}else if (bitmap == null){

    pd.setMessage("Uploading...");

    pd.show();

```

```

        insertData();

    }else{

        pd.setMessage("Uploading...");

        pd.show();

        uploadImage();

    }

}

private void uploadImage() {

    ByteArrayOutputStream baos =new ByteArrayOutputStream();

    bitmap.compress(Bitmap.CompressFormat.JPEG,50,baos);

    byte[] finalimage = baos.toByteArray();

    final StorageReference filePath;

    filePath =storageReference.child("Teachers").child(finalimage+".jpg");

    final UploadTask uploadTask = filePath.putBytes(finalimage);

    uploadTask.addOnCompleteListener(AddTeacher.this, task -> {

```

```

        if(task.isSuccessful()){

            uploadTask.addOnSuccessListener(taskSnapshot                                ->
filePath.getDownloadUrl().addOnSuccessListener(uri -> {

                downloadUrl = String.valueOf(uri);

                insertData();

            }));

        } else {

            pd.dismiss();

            Toast.makeText(AddTeacher.this, "Something went Wrong",
Toast.LENGTH_SHORT).show();

        }

    });

}

```

```

private void insertData() {

    dbRef =reference.child(category);

    final String uniqueKey = dbRef.push().getKey();

    TeacherData teacherData = new
TeacherData(name,email,post,downloadUrl,uniqueKey);

    dbRef.child(Objects.requireNonNull(uniqueKey)).setValue(teacherData).addOnSuccessListener(aVoid -> {

        pd.dismiss();

        Toast.makeText(AddTeacher.this, "Teacher Added",
Toast.LENGTH_SHORT).show();

    }).addOnFailureListener(e -> {

        pd.dismiss();

        Toast.makeText(AddTeacher.this, "Teacher Not added",
Toast.LENGTH_SHORT).show();

```

```
});
```

```
}
```

```
private void openGallery() {
```

```
    Intent pickImage = new Intent(Intent.ACTION_PICK,  
MediaStore.Images.Media.EXTERNAL_CONTENT_URI);
```

```
    startActivityForResult(pickImage,REQ);
```

```
}
```

```
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data)  
{
```

```
    super.onActivityResult(requestCode, resultCode, data);
```

```
    if(requestCode ==REQ && resultCode == RESULT_OK){
```

```
        Uri uri = Objects.requireNonNull(data).getData() ;
```

```
        try {
```



```
        bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),uri);

    } catch (IOException e) {

        e.printStackTrace();

    }

    addTeacherImage.setImageBitmap(bitmap);

}

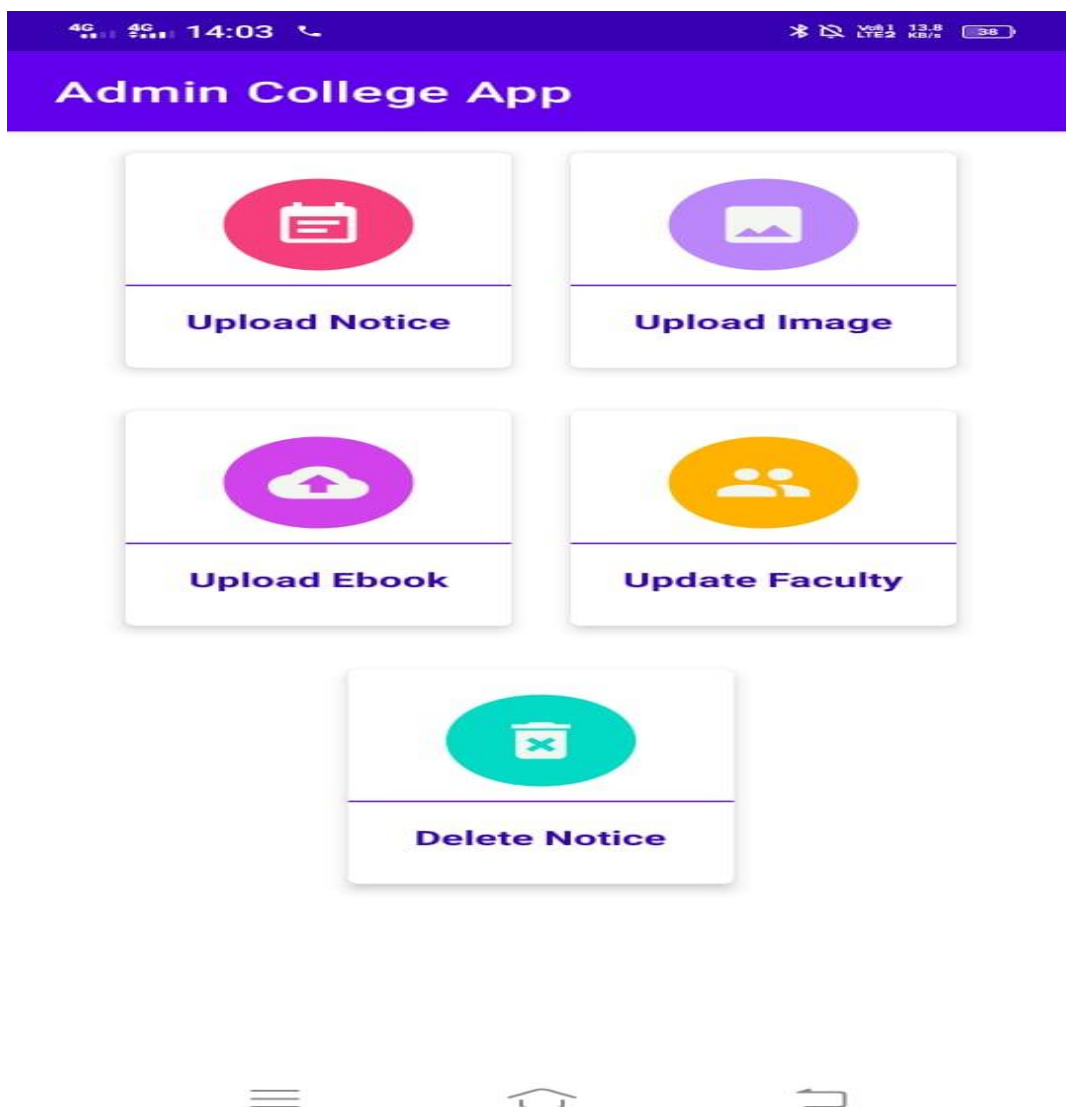
}
```

CHAPTER 6

REPORT

5.1 DASHBOARD

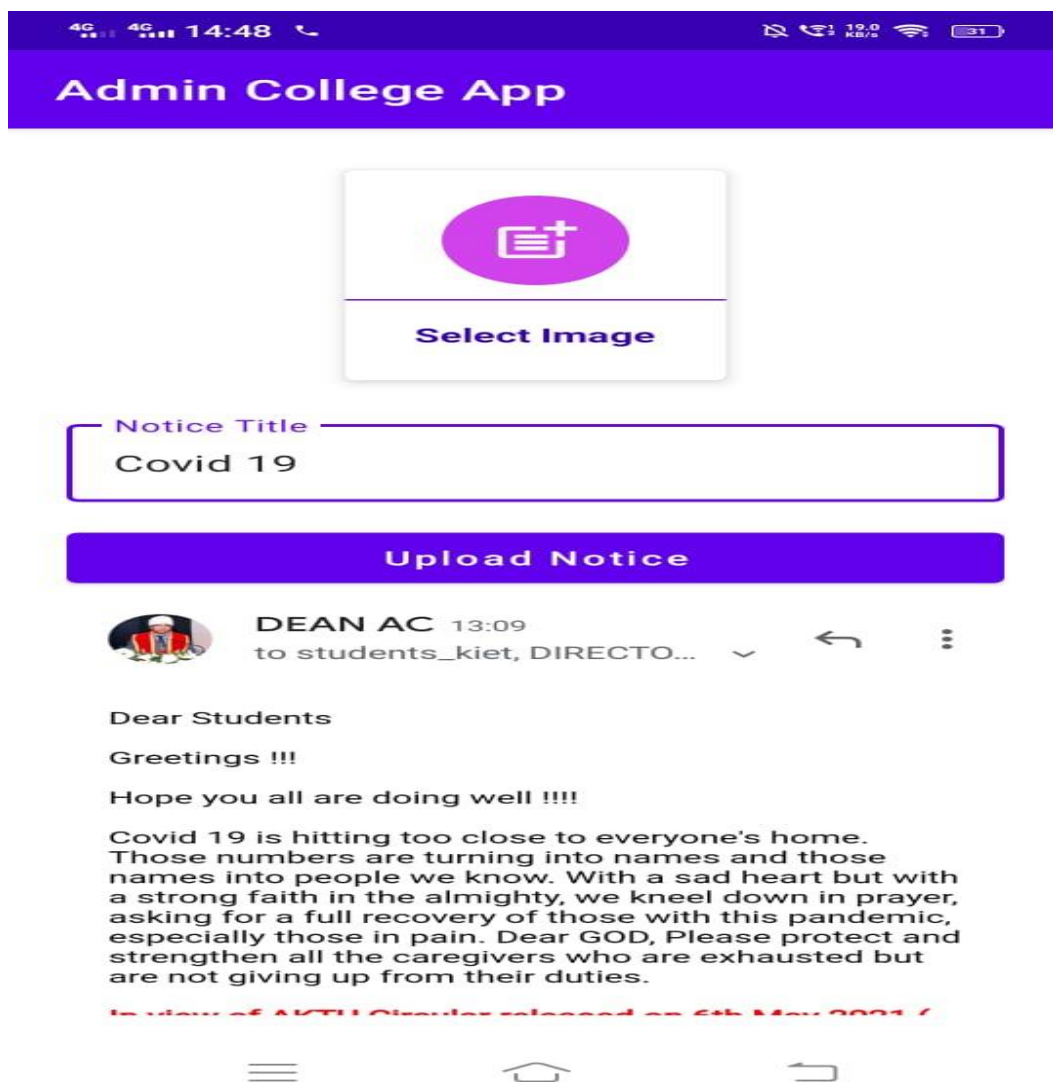
This is the first page where all the modules are available and based on the requirements ,the administrator can do changes .



5.2 UPLOAD NOTICE


The notice related to any information can be uploaded here and this is one of most important feature of this app.

Also as mentioned above the notification will be auto send to the uses.



4G 4G 14:48 19.0 KB/s 31

Admin College App







Select Image

Notice Title

Covid 19

Upload Notice

**DEAN AC** 13:09
to students_kiet, DIRECTO...




Dear Students

Greetings !!!

Hope you all are doing well !!!!

Covid 19 is hitting too close to everyone's home. Those numbers are turning into names and those names into people we know. With a sad heart but with a strong faith in the almighty, we kneel down in prayer, asking for a full recovery of those with this pandemic, especially those in pain. Dear GOD, Please protect and strengthen all the caregivers who are exhausted but are not giving up from their duties.

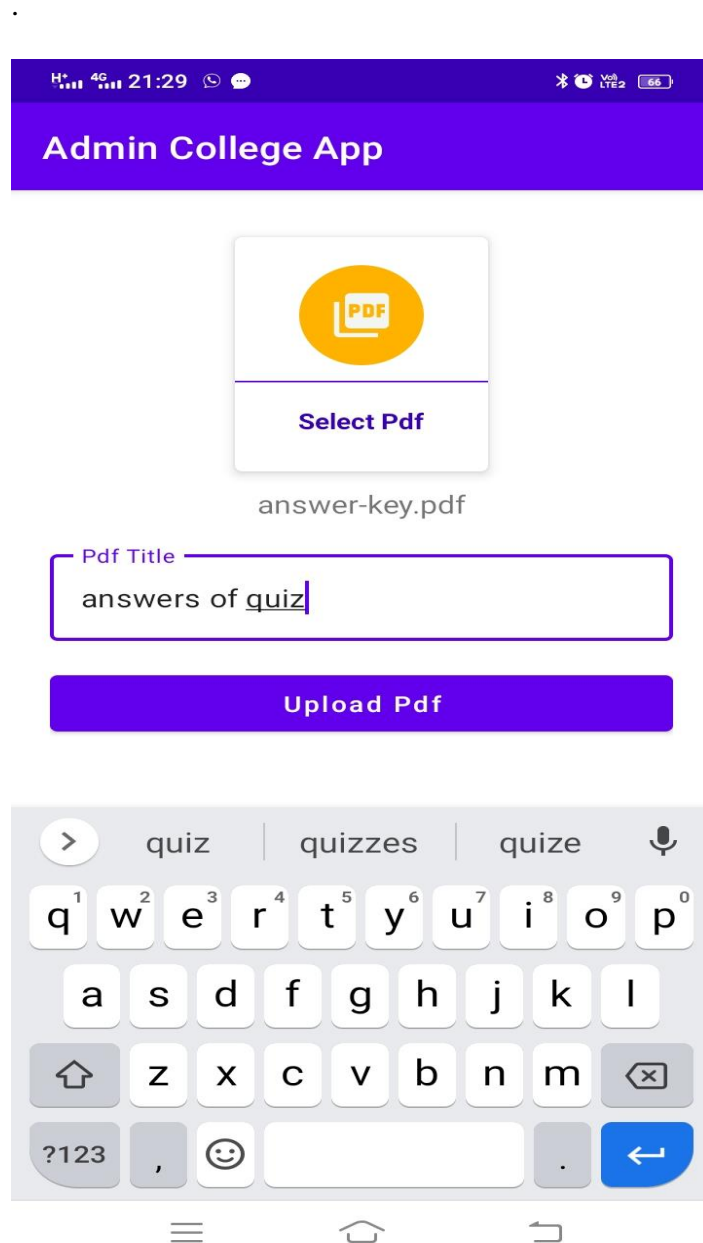
In view of APTU Circular released on 6th May 2021 /



5.3 UPLOAD E_BOOKS

Administrator can upload the pdf of e-books which will be helpful to learn online and get all the available materials.

Users can download or share the eBooks .Even they can read without downloading them

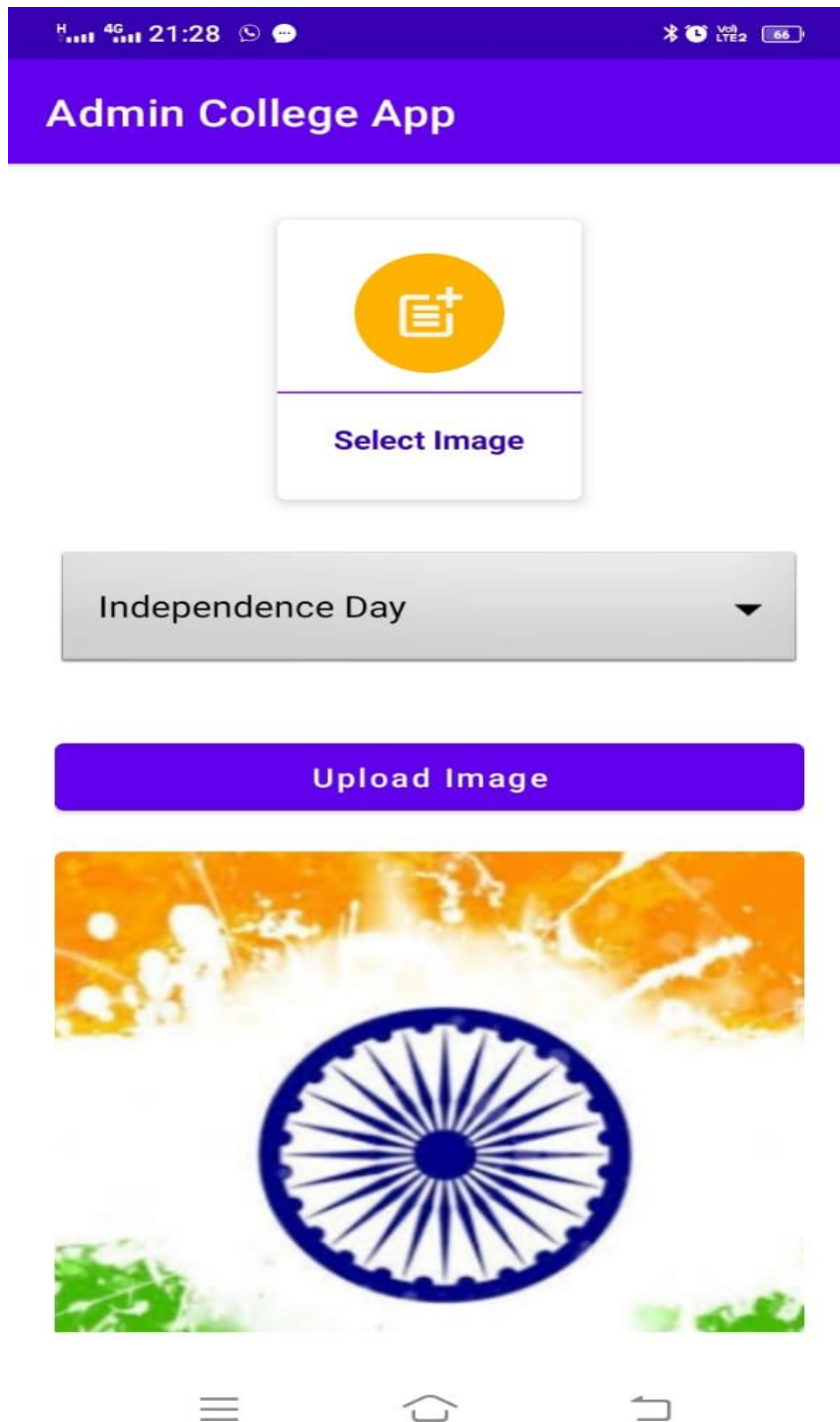


The screenshot displays the 'Admin College App' interface. At the top, a status bar shows '4G', '21:29', and battery level '66%'. Below the app title, there is a button with a yellow PDF icon and the text 'Select Pdf'. Underneath this button, the filename 'answer-key.pdf' is visible. A text input field labeled 'Pdf Title' contains the text 'answers of quiz'. Below the input field is a large blue button labeled 'Upload Pdf'. At the bottom of the screen, a virtual keyboard is shown with the word 'quiz' in the search bar and the text 'answers of quiz' entered in the input field.

5.4 UPLOAD IMAGE

Firstly, Administrator will select the events for which they wants to upload images for any category.

After by selecting image they can upload image.

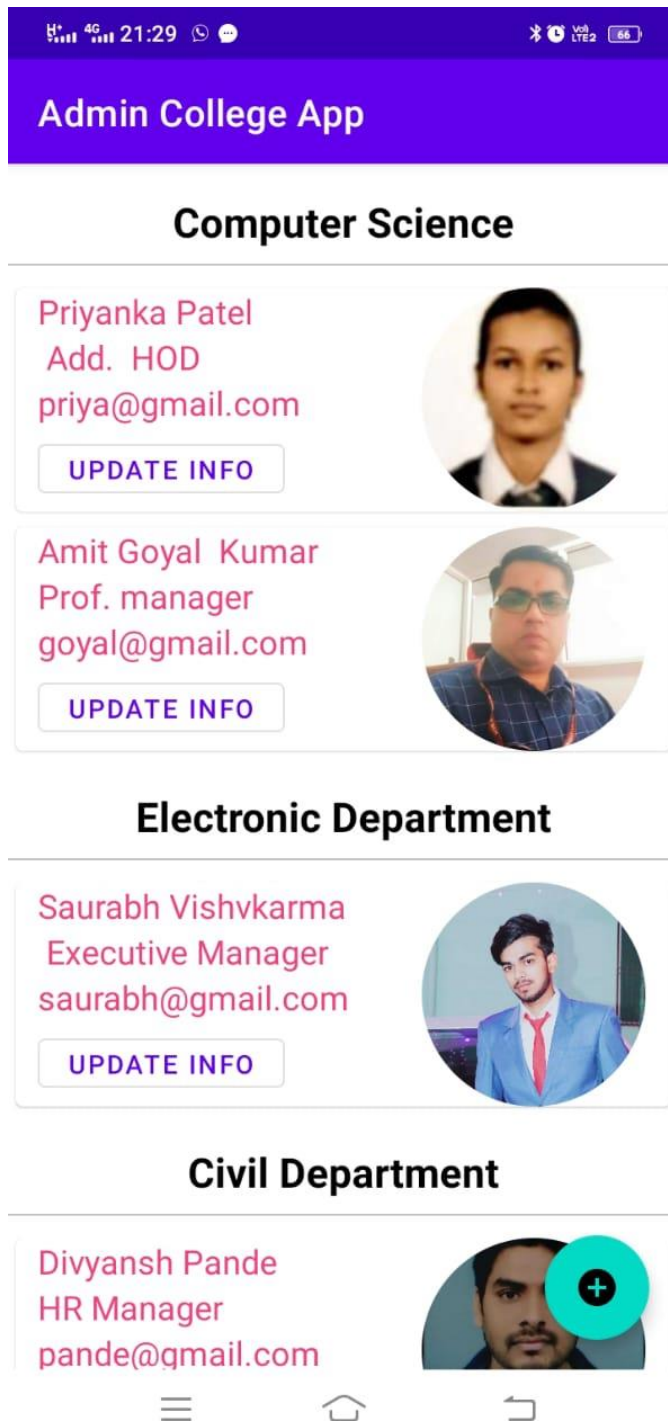


5.5 UPLOAD FACULTY

Here, all the details are related to faculty only.

While adding the details of new faculty certain personal details are mandatory to fill.

Also there are options where the administrator can update or delete the details of faculties.



Admin College App



Name
prashant agrawal

Email
prashant.mca@kiet.edu

Post
professor

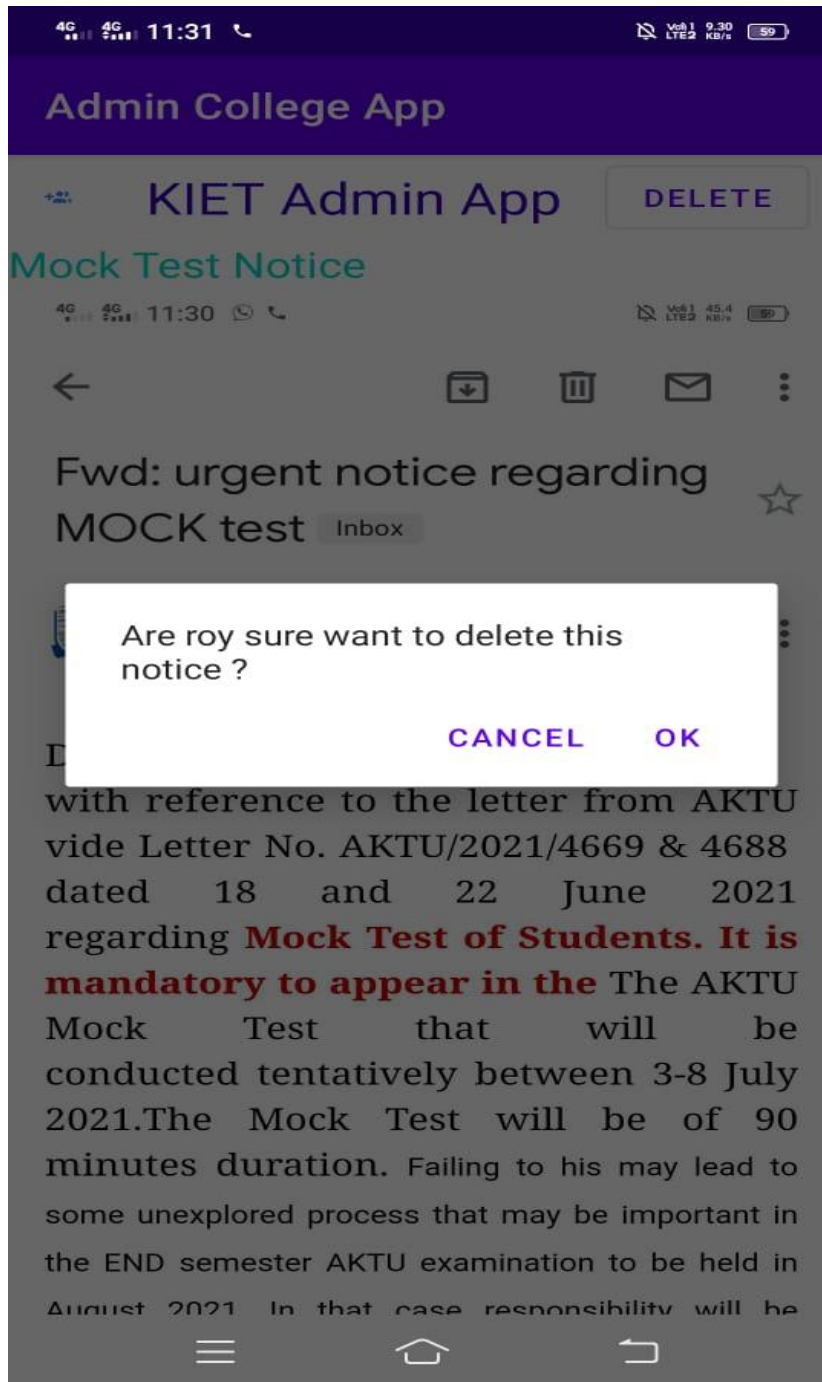
CS

Add Teacher



5.6 DELETE NOTICE

This is the area where administrator can delete any uploaded message .They will receive a confirmation message as it is shown here before actually deleting the content.



CHAPTER 7

Conclusion

This report analysis the main functionalities and tools available in the app and their use at the College level . It contains some of the main tools of the standard platform, like notice display, events, images, courses and ebooks.

Deep customization and flexibility lets us do exactly what we want. Data –Based insights allo us to understand and improve the e learning process.

It provide the wonderful platform to manage resources and communication tools that are essential in academic environment.

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