

A Project report on
STUDENT INFORMATION SYSTEM

Submitted in the partial fulfillment of the requirements for the Summer Internship of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

Submitted by:

Praharshika.B

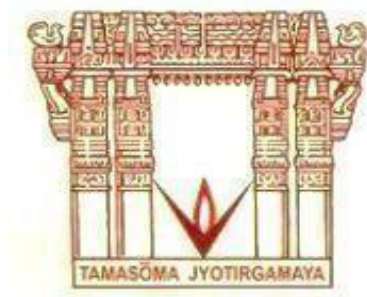
19071A12C7

DeepthiNandini.S

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DEPARTMENT OF INFORMATION TECHNOLOGY

VNR Vignana Jyothi Institute of Engineering & Technology

(Autonomous Institute, Accredited by NAAC with 'A++' grade and
NBA) Bachupally, Nizampet(S.O)Hyderabad-500 090,

February 2022

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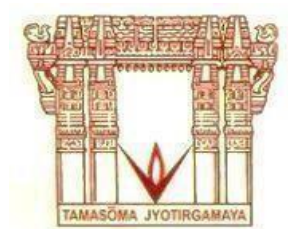
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Under the esteemed guidance of



PROJECT GUIDE

Dr.N Mangathayaru,

Professor,

Dept. of InformationTechnology,

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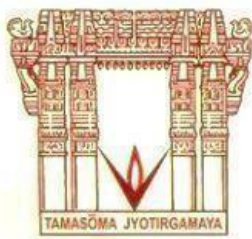
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Bachupally, Nizampet (S.O.) Hyderabad- 500 090

Department of Information Technology

Date: February 2022



CERTIFICATE

This is to certify that the project work entitled “**STUDENT INFORMATION SYSTEM**” is being submitted by **Praharshika.B (19071A12C7), Deepthi Nandini.S (19071A12D3), Satwika.S (19071A12H0)** in partial fulfillment for the award of Degree of **BACHELOR OF TECHNOLOGY in INFORMATION TECHNOLOGY** to the Jawaharlal Nehru Technological University, Hyderabad during the academic year 2021-22 is a record of bona-fide work carried out by her under our guidance and supervision.

The results embodied in this report have not been submitted by the students to any other University or Institution for the award of any degree or diploma.

Project Guide

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Dept.of IT,
VNRVJIET,
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Head of Department

Dr. D.Srinivasa Rao
Head of Department,
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VNR Vignana Jyothi Institute of Engineering & Technology

Autonomous Institute, Accredited by NAAC with 'A++' grade

and NBA) Bachupally, Nizampet (S.O.) Hyderabad- 500090.

Department of Information Technology

Date: February 2022

DECLARATION

I hereby declare that the project entitled "Student Information System" submitted for the B. tech degree is my original work and the project has not formed the basis for the award of any degree, associate ship, fellowship or any other similar titles.

Signature of the Student:

Praharshika.B
(19071A12C7)

DeepthiNandini.S
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Satwika.S
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Place:

Date:

ACKNOWLEDGEMENT

We express our deep sense of gratitude to our beloved **President, Dr. Daggubati Suresh babu, VNR Vignana Jyothi Institute of Engineering & Technology** for the valuable guidance and for permitting us to carry out this project.

With immense pleasure, we record our deep sense of gratitude to our beloved **Principal, Dr.C.D.Naidu** For permitting us to carry out this project.

We express our deep sense of gratitude to our beloved professor **Dr. D.Srinivasa Rao, Associate Professor and Head, Department of Information Technology, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad-90** for the valuable guidance and suggestions, keen interest and through encouragement extended throughout the period of project work.

We take immense pleasure to express our deep sense of gratitude to our beloved Guide **Dr.N. Mangathayaru, Professor in Information Technology, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad**, for her valuable suggestions and rare insights and our Mentor **Dr.N.Sudhakar Yadav, Internship Coordinator** for constant source of encouragement and inspiration throughout my project work.

We express our thanks to all those who contributed for the successful completion of our project work.

1.Praharshika.B. _____

2.DeepthiNandini.S _____

3.Satwika.S

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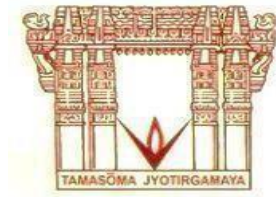
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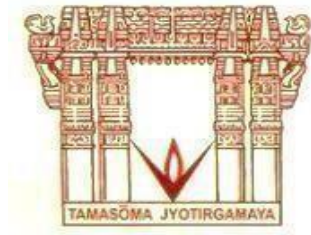
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INDEX

S.NO	Contents	PageNo
	ABSTRACT	
	CHAPTER1:INTRODUCTION	
1.1	PURPOSE OF PROJECT	
1.2	EXISTING METHODOLOGY AND ITS DISADVANTAGES	
1.3	PROPOSED SYSTEM AND ITS ADVANTAGES	
1.4	OBJECTIVE	
	CHAPTER 2: LITERATURE SURVEY	
	CHAPTER 3: METHODOLOGY	
3.1	INTRODUCTION	
3.2	PROPOSED APPROACH AND FLOW DIAGRAM	
3.3	EXPLANATION	
	CHAPTER 4: IMPLEMENTATION	
4.1	SOURCE CODE	
4.2	ENVIRONMENT	
	CHAPTER 5: RESULTS	
	CHAPTER 6:CONCLUSION	

INDEX

S.NO Contents

PageNo

CHAPTER 7:FUTURE WORKS

CHAPTER 8:REFERENCES

ABSTRACT

Student management system is to create an application that can provide a query management system through android mobile phones. As teacher staff there will be reduced manual work they can easily upload the exam timetable and respective subject notices. Changes in information technology (IT) allow colleges to utilize databases and applications such as student information systems (SIS), thus making the accessing of records centralized. Student management system is to create an application that can provide a query management system through android mobile phones. Student query management system android application tracks all the difficulties of a student from the day one to the end of his course

CHAPTER 1

INTRODUCTION

Students form a main part of any institution that concerns them. But the institutions find it difficult to keep details of so many students of the organization just in one stretch. It will involve a lot of pen and paper work. Sometimes there will be some huge heap of files bundled up and kept together in some corner of the office. If you want any information regarding the particular student then it can be obtained by just entering the roll number or the name of the student to be searched. This student management system will make the work of storing the data in an organized way. The student management system application will help in managing the student's reports, results and exams will become easier with one such system. It will also help in saving time and effort. The user interface must be user friendly and easy to understand

1.1 Purpose of the Project:

The purpose of the project is to build an application program to reduce the manual work for managing the student details. This simple project contains features such as Adding, Modifying, Deleting, Viewing student's records. The user has to enter the Student's Name, Roll number, and their marks to add records and the user can view a list of each and every record at the same time. This app can be used for maintaining a student's record of a certain subject or course. The layout design is pretty simple and it is used in different gadgets like tablets, smartphones & even smart television.

1.2 Existing Methodology and its Disadvantages:

The drawbacks in Student Management System software can be counted on fingers with mostly only benefits, these systems have a few countable downsides.

Often, applications face minor technical glitches and these systems are no exception but, ratification is immediate.

1.4 Proposed System and its Advantages:

An efficient smart attendance management system can be used to improve the organizational ethics and work culture. The enrolment of the employees in the system is a one-time process and their face will be stored in the database. The automated attendance management system can detect a person's face using a digital real-time image. The presence of each employee is updated in the database daily and the results are more accurate in a user interactive manner.

The advantages are:

1. Real time tracking.
2. Decreased errors.
3. Management of enormous data.
4. Improved authentication and security.
5. Reports.

1.5 Objective:

The main objective of the Android Project on Student Information System is to manage the details. It manages all the personal details of the student like name, phone number, date of birth.

CHAPTER 2

LITERATURE SURVEY

There are no satisfactory solutions for achieving student information. Due to its continuous evaluation process. This has led to research for it. Challenges that need to be considered prominently are difficult in implementation of the student information system. All researchers have aimed to develop and provide a generalized solution to monitor the various works that are carried out by a College for automation of various tasks. They provide up to date information on the system which improves efficiency of college record management and decreases the space between student and college. The major contributions to this topic are summarized below:

It is discussed in

-> a mobile solution for those students who are registered with senior design project capstone course of bachelor engineering technology program. During the process of registration, the student likes to choose those projects supervisors who are flexible and committed to them for successful completion of their project at the end of the semester.

-> student information system manages all sorts of student details, academic related reports, college details, fee details, results, batch details, attendance details. It tracks all the details of the student from the very first moment to the end of the course which would be utilized for all reporting purposes and all these will be available through a secure, online interface embedded in the college's student record management system.

-> proposed student information supervision system, that give path for maintaining of student information and also provides the guidelines for students in different areas, and it also provides the different facilities to the student related to the placement exam section details etc.

technologies they used are HTML, CSS, JAVASCRIPT, PHP and SQL.

->In the authors proposed a system using android operating system and removes all anomalies of existing system, it has various features, e-schools, colleges, attendance information is available 24/7,significantly reduces paper wastage.This mobile application will maintain the student attendance. An attendance system is presented which will greatly reduce the workload, save time for taking attendance at various places like school, colleges. In [5], proposed an application which provides the respective student details i.e., their internal marks, total number of days they attend the class ,technologies used are android, SQLite, Development tools are eclipse, android SDK. In [6], they proposed Mlearning environments M-learning has

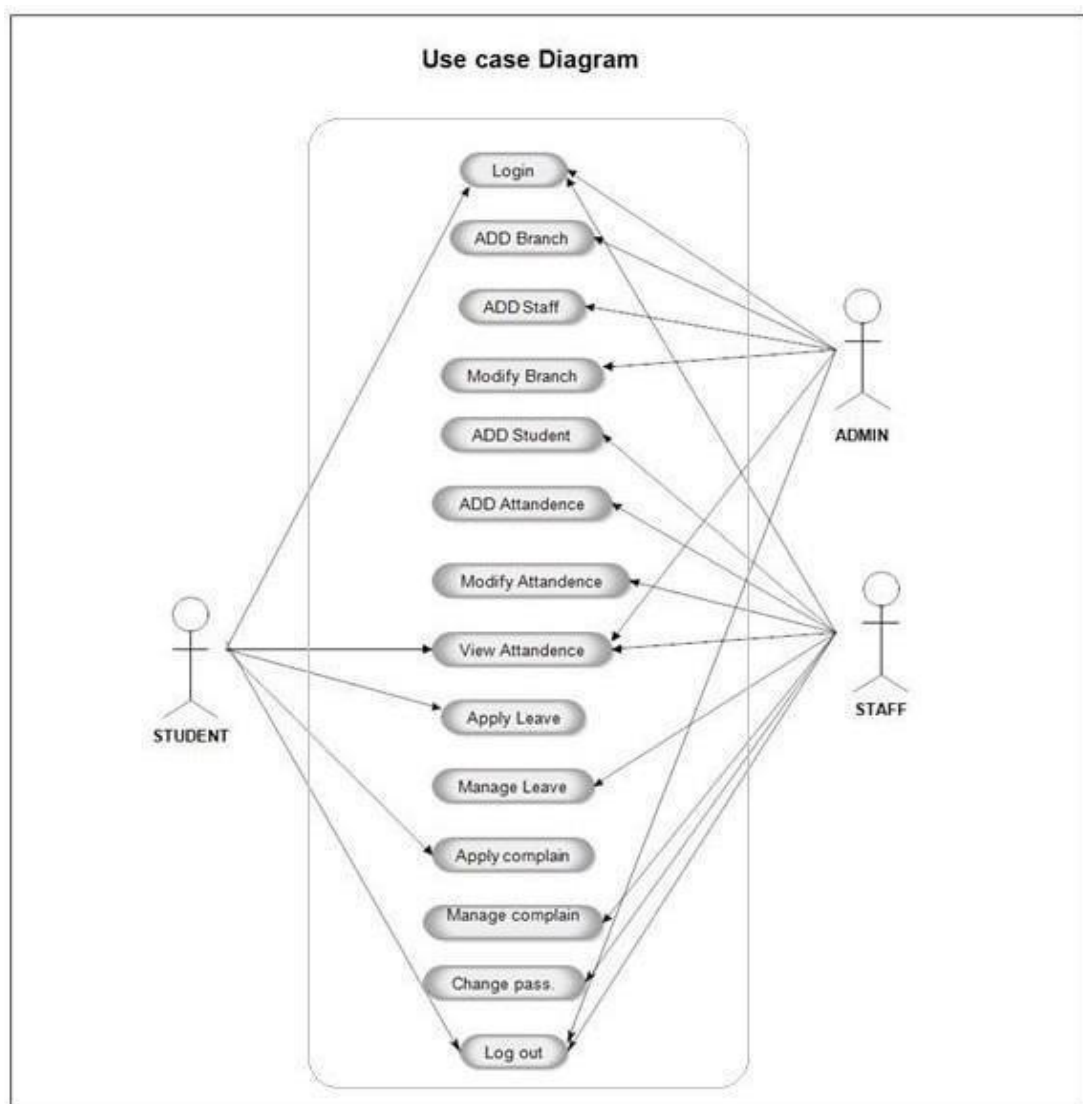
enhanced e-learning by making the learning process and exam security in M Learning environments and it provides appropriate security services.

CHAPTER-3 METHODOLOGY

3.1:Introduction:

The student information system (SIS) would be a new way to record and manage the transaction processing that would achieve efficiency on processing student information. It would be a great help to the administrative personnel, academic personnel or stakeholders and students in updating, retrieving and generating student data.

3.2:Proposed Approach and FlowDiagram:



3.3 EXPLANATION:

Student information management system explains how the student details like firstname, last name, DOB, phone number, address, Branch are added into the database and also shows the registered courses. This can also be used by the faculty members in updating the students' attendance from different departments. Administrators will create the accounts for both the students and the faculty members, using those credentials they can login to their accounts.

CHAPTER-4

IMPLEMENTATION

4.1 Source Code

Main Activity

```
Package com.android.attendance.activity;
```

```
Import com.example.androidattendancesystem.R;
```

```
Import android.os.Bundle;
```

```
Import android.app.Activity;
```

```
Import android.content.Intent;
```

```
Import android.view.Menu;
```

```
Import android.view.View;
```

```
Import android.view.View.OnClickListener;
```

```
Import android.widget.Button;
```

```
Public class MainActivity extends Activity {
```

```
Button start;
```

```
@Override
```

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

```
Super.onCreate(savedInstanceState);
```

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

```
start =(Button)findViewById(R.id.buttonstart);
```

```
start.setOnClickListener(new OnClickListener() {
```

```
@Override
```

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

```
// TODO Auto-generated method stub
```

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

```
startActivity(intent);
```

```
}
```

```
});
```

```
}
```

```
@Override
```

```
Public boolean onCreateOptionsMenu(Menu menu) {
```

```
// Inflate the menu; this adds items to the action bar if it is present.
```

```
getMenuInflater().inflate(R.menu.main, menu);
```

```
return true;
```

```
}
```

```
}
```

Menu Activity

```
Package com.android.attendance.activity;
```

```
Import java.util.ArrayList;
```

```
Import com.android.attendance.bean.AttendanceBean;
```

```
Import com.android.attendance.context.ApplicationContext;
```

```
Import com.android.attendance.db.DBAdapter;
```

```
Import com.example.androidattendancesystem.R;
```

```
Import android.os.Bundle;
```

```
Import android.app.Activity;
```

```
Import android.content.Intent;
```

```
Import android.view.Menu;
```

```
Import android.view.View;
```

```
Import android.view.View.OnClickListener;
```

```
Import android.widget.Button;
```

```
Public class MenuActivity extends Activity {
```

```
    Button addStudent;
```

```
    Button addFaculty;
```

```
    Button viewStudent;
```

```
    Button viewFaculty;
```

```
    Button logout;
```

```
    Button attendancePerStudent;
```

```
    @Override
```

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

```
        Super.onCreate(savedInstanceState);
```

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

```
        addStudent =(Button)findViewById(R.id.buttonaddstudent);
```

```
        addFaculty =(Button)findViewById(R.id.buttonaddfaculty);
```

```
        viewStudent =(Button)findViewById(R.id.buttonViewstudent);
```

```
        viewFaculty =(Button)findViewById(R.id.buttonviewfaculty);
```

```
        logout =(Button)findViewById(R.id.buttonlogout);
```

```
        addStudent.setOnClickListener(new OnClickListener() {
```

```
            @Override
```

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

```
                // TODO Auto-generated method stub
```

```
                Intent intent =new Intent(MenuActivity.this,AddStudentActivity.class); startActivity(intent);
            }
        }); addFaculty.setOnClickListener(new
```

```
            OnClickListener() {
```

```

@Override
Public void onClick(View v) {
// TODO Auto-generated method stub

Intent intent =new Intent(MenuActivity.this,AddFacultyActivity.class);
startActivity(intent);
}
}); viewFaculty.setOnClickListener(new

OnClickListener() {

@Override
Public void onClick(View v) {
// TODO Auto-generated method stub

Intent intent =new Intent(MenuActivity.this,ViewFacultyActivity.class);
startActivity(intent);
}
}); viewStudent.setOnClickListener(new

OnClickListener() {

@Override
Public void onClick(View v) {
// TODO Auto-generated method stub

Intent intent =new Intent(MenuActivity.this,ViewStudentActivity.class);
startActivity(intent);
}
});
Logout.setOnClickListener(new OnClickListener() {

@Override
Public void onClick(View v) {
// TODO Auto-generated method stub

Intent intent =new Intent(MenuActivity.this,MainActivity.class);
Intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
startActivity(intent);
}
});
attendancePerStudent=(Button)findViewById(R.id.attendancePerStudentButton);
attendancePerStudent.setOnClickListener(new OnClickListener() {

@Override
Public void onClick(View arg0) {

DBAdapter dbAdapter = new DBAdapter(MenuActivity.this);

```

```
ArrayList<AttendanceBean>;
attendanceBeanList=dbAdapter.getAllAttendanceByStudent();
```

```
((ApplicationContext)MenuActivity.this.getApplicationContext()).setAttendanceBeanList(atte
ndanceBeanList);
```

```
Intent intent = new
```

```
Intent(MenuActivity.this,ViewAttendancePerStudentActivity.class);
```

```
startActivity(intent);
```

```
}
});
```

```
}
```

```
@Override
```

```
Public boolean onCreateOptionsMenu(Menu menu) {
// Inflate the menu; this adds items to the action bar if it is present.
getMenuInflater().inflate(R.menu.main, menu);
return true;
}
```

```
}
```

Add Attendance Session Activity

```
Package com.android.attendance.activity;
```

```
Import java.util.ArrayList;
```

```
Import java.util.Calendar;
```

```
Import com.android.attendance.bean.AttendanceBean;
Import com.android.attendance.bean.AttendanceSessionBean;
Import com.android.attendance.bean.FacultyBean;
Import com.android.attendance.bean.StudentBean;
Import com.android.attendance.context.ApplicationContext;
Import com.android.attendance.db.DBAdapter;
Import com.example.androidattendancesystem.R;
```

```
Import android.app.Activity;
Import android.app.DatePickerDialog;
Import android.app.Dialog;
Import android.content.Intent;
Import android.graphics.Color;
Import android.os.Bundle;
```

```

Import android.text.TextUtils;
Import android.view.Menu;
Import android.view.View;
Import android.view.View.OnClickListener;
Import android.widget.AdapterView;
Import android.widget.AdapterView.OnItemClickListener;
Import android.widget.ArrayAdapter;
Import android.widget.Button;
Import android.widget.DatePicker;
Import android.widget.EditText;
Import android.widget.ImageButton;
Import android.widget.Spinner;
Import android.widget.TextView;
Import android.widget.Toast;

```

```

Public class AddAttendanceSessionActivity<AddAttendanceActivity> extends
Activity {

```

```

Private ImageButton date;
Private Calendar cal;
Private int day;
Private int month;
Private int dyear;
Private EditText dateEditText;
Button submit;
Button viewAttendance;
Button viewTotalAttendance;
Spinner spinnerbranch,spinneryear,spinnerSubject;
String branch = "it";
String year = "III";
String subject = "internship";
Private String[] branchString = new String[] { "cse","it"};
Private String[] yearString = new String[] { "I","II","III"};
Private String[] subjectSEString = new String[] { "internship","DT"};
Private String[] subjectTEString = new String[] { "GS","CN"};
Private String[] subjectBEString = new String[] { "DS","OS"};

Private String[] subjectFinal = new String[] { "internship","OS","CD","CN","DT","CD"};
AttendanceSessionBean attendanceSessionBean;

@Override

```

```

Protected void onCreate(Bundle savedInstanceState) {
    Super.onCreate(savedInstanceState);
    setContentView(R.layout.add_attendance);

    //Assume subject will be SE
    //subjectFinal = subjectSEString;

    Spinnerbranch=(Spinner)findViewById(R.id.spinner1);
    Spinneryear=(Spinner)findViewById(R.id.spinneryear);
    spinnerSubject=(Spinner)findViewById(R.id.spinnerSE);

    ArrayAdapter<String> adapter_branch = new

    ArrayAdapter<String>(this,android.R.layout.simple_spinner_item, branchString);

    Adapter_branch.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_
    item);

    Spinnerbranch.setAdapter(adapter_branch);
    Spinnerbranch.setOnItemClickListener(new OnItemSelectedListener() {
        @Override
        Public void onItemClick(AdapterView<?> arg0, View view,

        Int arg2, long arg3) {
            // TODO Auto-generated method stub
            ((TextView) arg0.getChildAt(0)).setTextColor(Color.WHITE);
            Branch =(String) spinnerbranch.getSelectedItem();
        }

        @Override
        Public void onNothingSelected(AdapterView<?> arg0) {
            // TODO Auto-generated method stub
        }
    });
    ///.....spinner2

    ArrayAdapter<String> adapter_year = new ArrayAdapter<String>(this,

    android.R.layout.simple_spinner_item, yearString);
    Adapter_year.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_ite
    m);
    Spinneryear.setAdapter(adapter_year);
    Spinneryear.setOnItemClickListener(new OnItemSelectedListener() {

```

@Override

Public void onItemSelected(AdapterView<?> arg0, View view,

Int arg2, long arg3) {

// TODO Auto-generated method stub

((TextView) arg0.getChildAt(0)).setTextColor(Color.WHITE);

Year =(String) spinneryear.getSelectedItem();

Toast.makeText(getApplicationContext(), “year:”+year,

Toast.LENGTH_SHORT).show();

/*if(year.equalsIgnoreCase(“se”))

{ subjectFinal =

subjectSEString;

}

Else if(year.equalsIgnoreCase(“te”))

{ subjectFinal =

subjectTEString;

}

Else if(year.equalsIgnoreCase(“be”))

{ subjectFinal =

subjectBEString; }*/

}

@Override

Public void onNothingSelected(AdapterView<?> arg0) {

// TODO Auto-generated method stub

}

});

ArrayAdapter<String> adapter_subject = new ArrayAdapter<String>(this,
android.R.layout.simple_spinner_item, subjectFinal);

Adapter_subject.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_
item);

spinnerSubject.setAdapter(adapter_subject);

spinnerSubject.setOnItemClickListener(new OnItemClickListener() {

@Override

Public void onItemSelected(AdapterView<?> arg0, View view,

Int arg2, long arg3) {


```

// TODO Auto-generated method stub
((TextView) arg0.getChildAt(0)).setTextColor(Color.WHITE);
Subject =(String) spinnerSubject.getSelectedItem();
}
@Override
Public void onNothingSelected(AdapterView<?> arg0) {
// TODO Auto-generated method stub
}
});
Date = (ImageButton) findViewById(R.id.DateImageButton);
Cal = Calendar.getInstance();
Day = cal.get(Calendar.DAY_OF_MONTH);
Month = cal.get(Calendar.MONTH);
Dyear = cal.get(Calendar.YEAR);

dateEditText = (EditText) findViewById(R.id.DateEditText);
date.setOnClickListener(new OnClickListener() {

@Override
Public void onClick(View arg0) {
showDialog(0);

}
});

Submit=(Button)findViewById(R.id.buttonsubmit);
Submit.setOnClickListener(new OnClickListener() {

@Override
Public void onClick(View arg0) {
AttendanceSessionBean attendanceSessionBean = new

AttendanceSessionBean();

FacultyBean

bean=((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).g
etFacultyBean(
);

attendanceSessionBean.setAttendance_session_faculty_id(bean.getFaculty_id());

```

```
attendanceSessionBean.setAttendance_session_department(branch);
attendanceSessionBean.setAttendance_session_class(year);
attendanceSessionBean.setAttendance_session_date(dateEditText.getText().toString());
attendanceSessionBean.setAttendance_session_subject(subject);
```

```
DBAdapter dbAdapter = new
```

```
DBAdapter(AddAttendanceSessionActivity.this);
Int sessionId=
```

```
dbAdapter.addAttendanceSession(attendanceSessionBean);
```

```
ArrayList<StudentBean>;
```

```
studentBeanList=dbAdapter.getAllStudentByBranchYear(branch, year);
```

```
((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).setStudentBeanList(studentBeanList);
```

```
Intent intent = new
```

```
Intent(AddAttendanceSessionActivity.this,AddAttendanceActivity.class)
; Intent.putExtra("sessionId", sessionId); startActivity(intent);
}
});
```

```
viewAttendance=(Button)findViewById(R.id.viewAttendancebutton);
viewAttendance.setOnClickListener(new OnClickListener() {
```

```
@Override
```

```
Public void onClick(View arg0) {
```

```
AttendanceSessionBean attendanceSessionBean = new
```

```
AttendanceSessionBean();
```

```
FacultyBean
```

```
bean=((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).getFacultyBean(
);
```

```
attendanceSessionBean.setAttendance_session_faculty_id(bean.getFaculty_id());
```

```
attendanceSessionBean.setAttendance_session_department(branch);
attendanceSessionBean.setAttendance_session_class(year);
attendanceSessionBean.setAttendance_session_date(dateEditText.getText().toString());
attendanceSessionBean.setAttendance_session_subject(subject);
```

```
DBAdapter dbAdapter = new
```

```
DBAdapter(AddAttendanceSessionActivity.this);
```

```
ArrayList<AttendanceBean> attendanceBeanList =
```

```
dbAdapter.getAttendanceBySessionID(attendanceSessionBean);
```

```
((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).setAttendanceBeanList(attendanceBeanList);
```

```
Intent intent = new
```

```
Intent(AddAttendanceSessionActivity.this, ViewAttendanceByFacultyActivity.class);
```

```
startActivity(intent);
```

```
}
```

```
});
```

```
viewTotalAttendance=(Button)findViewById(R.id.viewTotalAttendanceButton);
```

```
viewTotalAttendance.setOnClickListener(new OnClickListener() {
```

```
@Override
```

```
Public void onClick(View arg0) {
```

```
AttendanceSessionBean attendanceSessionBean = new
```

```
AttendanceSessionBean();
```

```
FacultyBean
```

```
bean=((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).getFacultyBean(
);
```

```
attendanceSessionBean.setAttendance_session_faculty_id(bean.getFaculty_id());
```

```
attendanceSessionBean.setAttendance_session_department(branch);
```

```
attendanceSessionBean.setAttendance_session_class(year);
```

```
attendanceSessionBean.setAttendance_session_subject(subject);
```

```

DBAdapter dbAdapter = new

DBAdapter(AddAttendanceSessionActivity.this);

ArrayList<AttendanceBean> attendanceBeanList =

dbAdapter.getTotalAttendanceBySessionID(attendanceSessionBean);

((ApplicationContext)AddAttendanceSessionActivity.this.getApplicationContext()).setAttendanceBeanList(attendanceBeanList);

Intent intent = new

Intent(AddAttendanceSessionActivity.this, ViewAttendanceByFacultyActivity.class);

startActivity(intent);

}
});
}
@Override
@Deprecated
Protected Dialog onCreateDialog(int id) {
Return new DatePickerDialog(this, datePickerListener, dyear, month, day);
}

Private DatePickerDialog.OnDateSetListener datePickerListener = new
DatePickerDialog.OnDateSetListener() {

Public void onDateSet(DatePicker view, int selectedYear, Int
selectedMonth, int selectedDay) { dateEditText.setText(selectedDay
+ “ / “ + (selectedMonth + 1) + “ / “

+ selectedYear);

}
};

```

4.2: Environment:

Java is the #1 programming language and development platform. It reduces costs, shortens development timeframes, drives innovation, and improves application services. With millions of developers running more than 51 billion Java Virtual

Machines worldwide, Java continues to be the development platform of choice for enterprises and developers.

Features in Java:

Simple

Object-Oriented

Portable

Platform

independent

Secured

Robust

Architecture

neutral Interpreted

High Performance

Multithreaded

Distributed

Dynamic

Features of HTML:

It is easy to learn and easy to use. It is platform-independent.

Images, videos, and audio can be added to a web page. Hypertext can be added to the text.

It is a markup language.

Features of CSS:

CSS stands for Cascading Style Sheets. It is the language for describing the presentation of Web pages, including colours, layout, and fonts, thus making our web pages presentable to the users. CSS is designed to make style sheets for the web.

Features of Android studio:

Instant App Run. ...

Visual Layout Editor. ...

Fast Emulator. ...

Intelligence Code Editor. ...

Addition of New Activity as a Code Template. ...

Help to Build Up App for All Devices. ...

Help to Connect with Firebase. ...

Support KOTLIN.

4.3:Software Description:

Android Studio is the official integrated development environment (IDE) for Android application development. Every project in Android Studio has one or more modalities with source code and resource files. These modalities include Android app modules, Library modules, and Google App Engine modules.

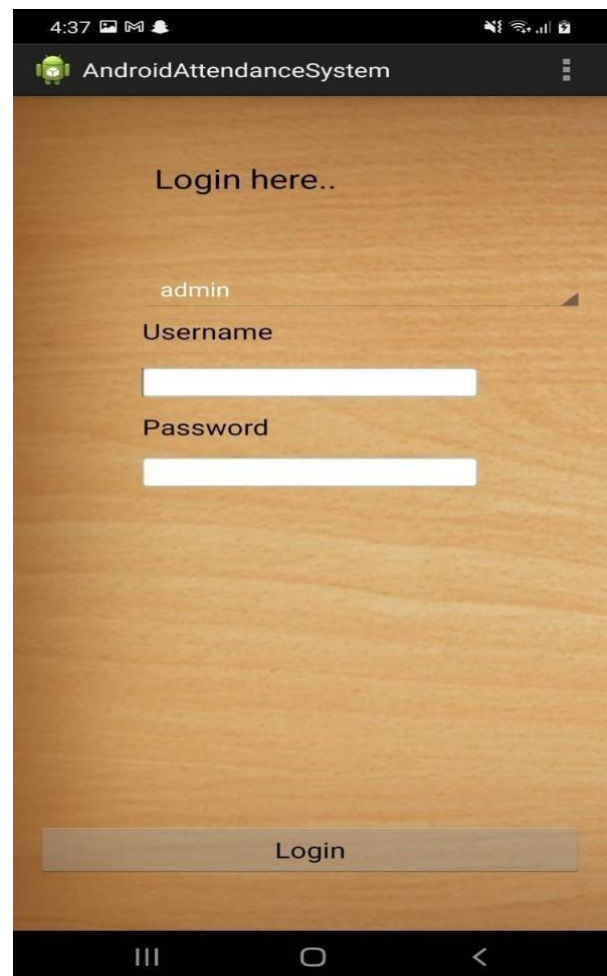
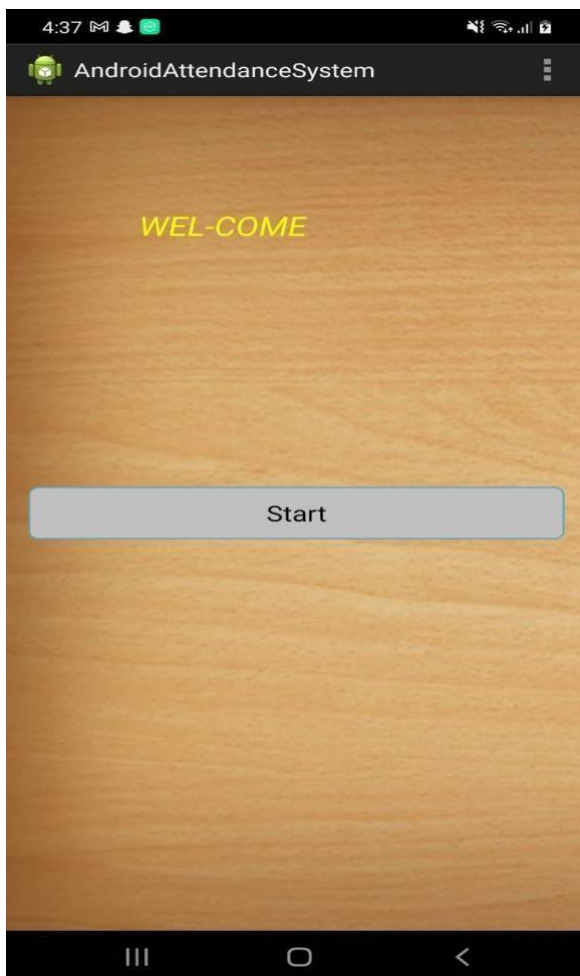
CHAPTER 5

RESULTS

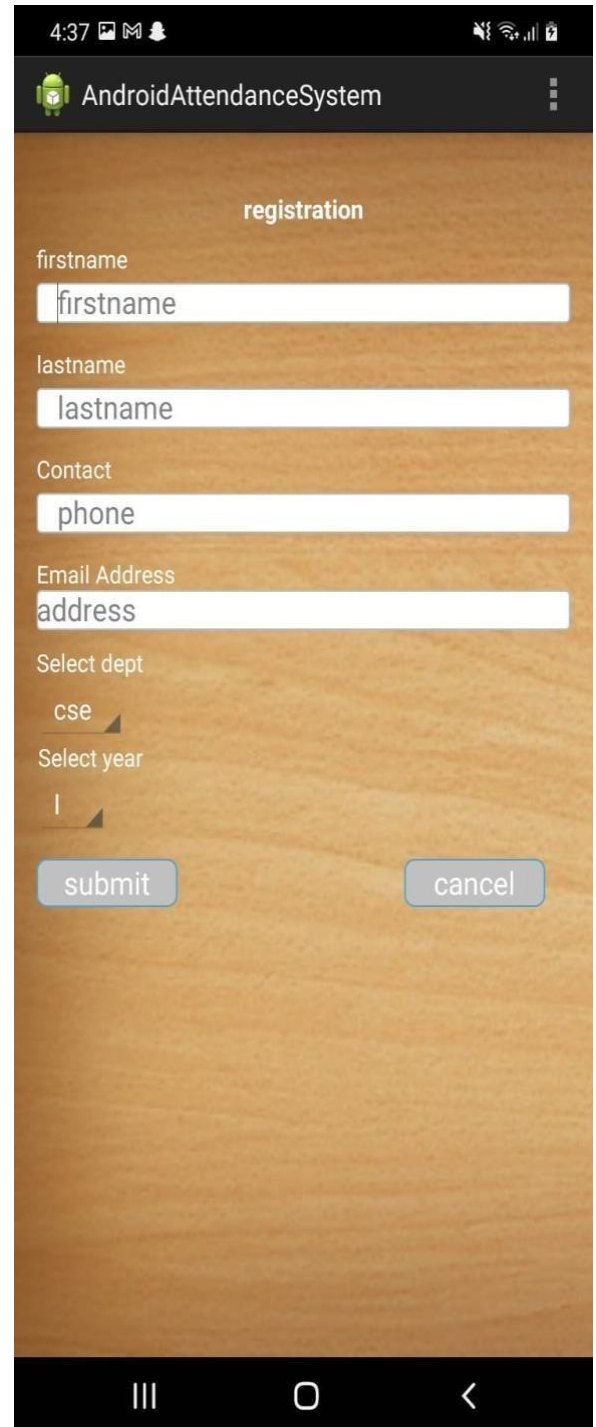
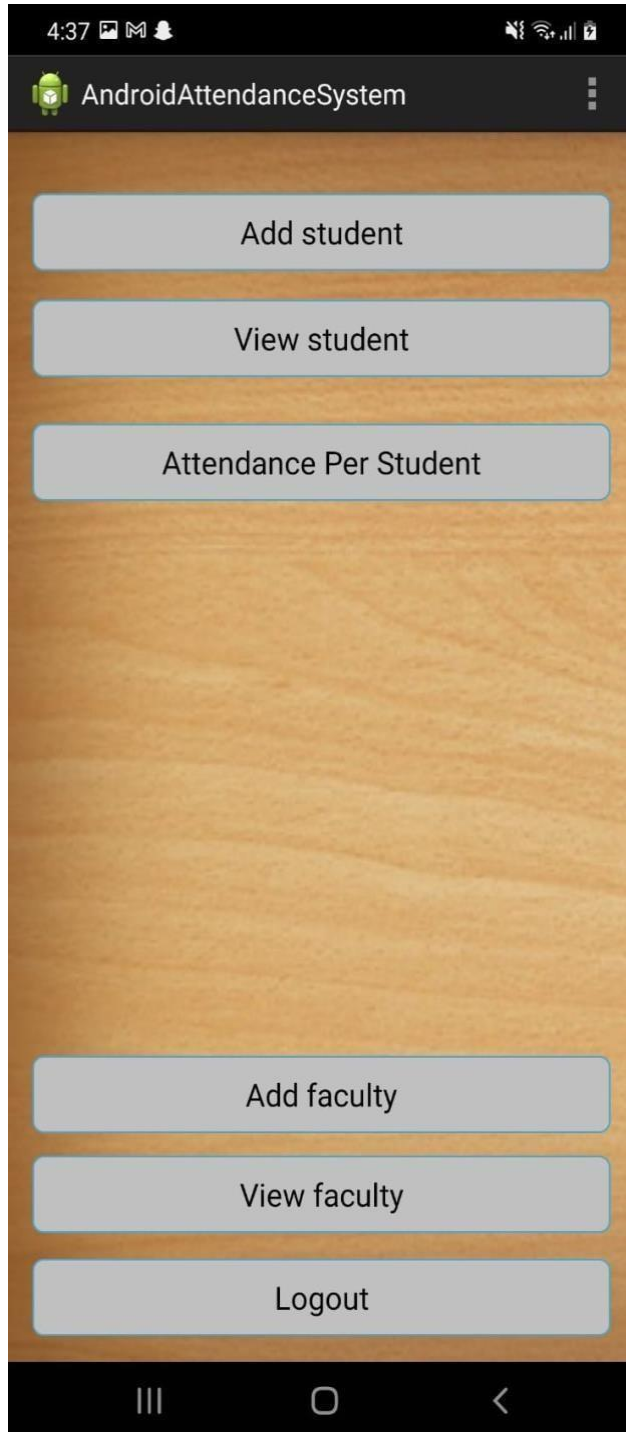
The interface for the Smart Attendance System has been created. Using the interface the images of the individual students are recorded and stored in the training dataset.

Simultaneously their information is stored in the database i.e. excel sheet. Finally the images of the students are being tracked and recognized.

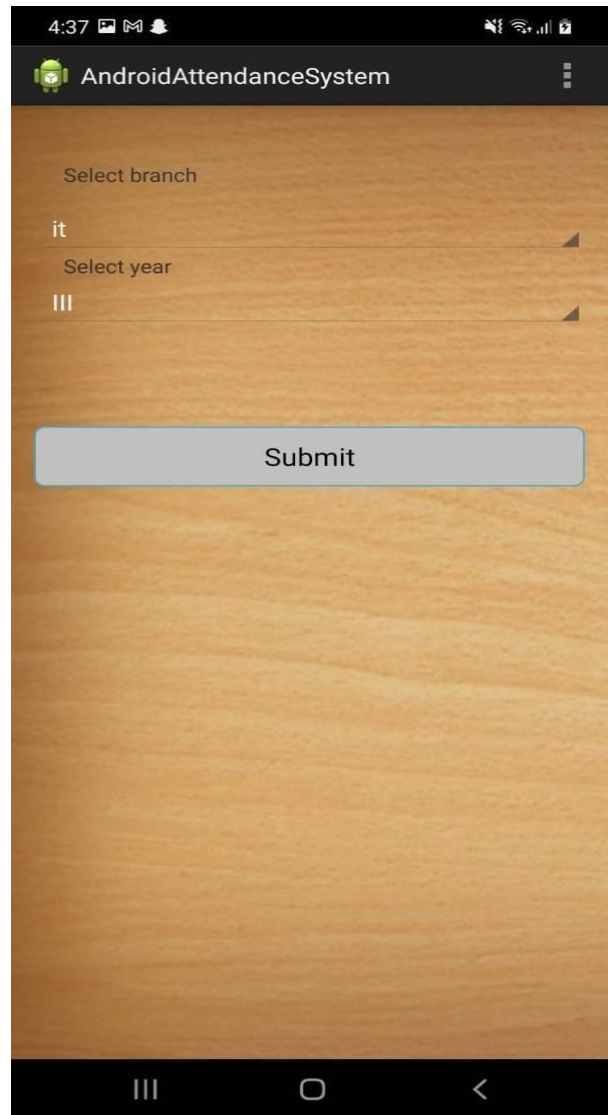
Enter the START button and LOGIN



Selecting the option and filling the details:



Displaying the student details:



logging as a faculty member:

4:38 AndroidAttendanceSystem

registration

firstname
firstname

lastname
lastname

Mobileno
phone

Address
Email address

Username
username

password
password

submit cancel

4:38 AndroidAttendanceSystem

View Attendance

it

III

Select year
Subject

internship

26 / 12 / 2021

Add Attendance

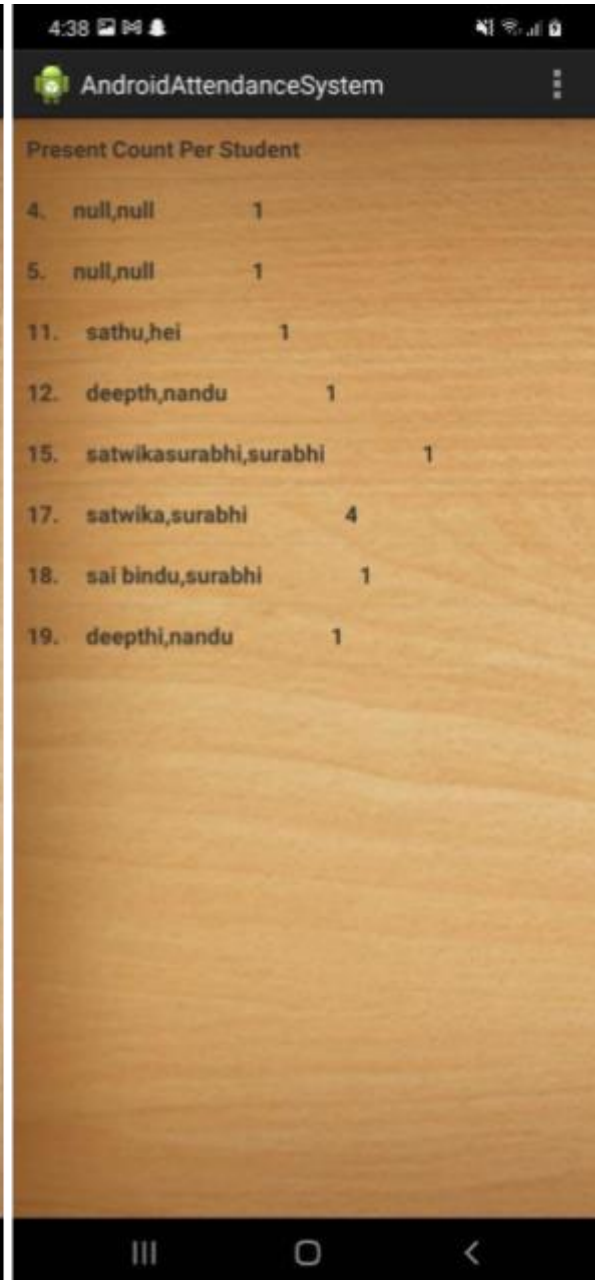
View Total Attendance

Viewing attendance:



4:38 AndroidAttendanceSystem

Id	StudentName	Status
17.	satwika,surabhi	P
Date : 20 / 12 / 2021		
17.	satwika,surabhi	P
18.	sai bindu,surabhi	P
Date : 21 / 12 / 2021		
17.	satwika,surabhi	P
18.	sai bindu,surabhi	A
19.	deepthi,nandu	P
Date : 26 / 12 / 2021		
Date : 26 / 12 / 2021		



4:38 AndroidAttendanceSystem

Present Count Per Student		
4.	null,null	1
5.	null,null	1
11.	sathu,hei	1
12.	deepth,nandu	1
15.	satwikasurabhi,surabhi	1
17.	satwika,surabhi	4
18.	sai bindu,surabhi	1
19.	deepthi,nandu	1

CHAPTER 6

CONCLUSION

This project assists in automating the prevailing manual system. This is a paperless working model for future educational sector reforms. It can be monitored and controlled remotely. It will reduce the manpower required. It provides accurate information. The data which is stored in the repository may help in making intelligent decisions by the management. All the parents, teachers and management will get the specified data, which exactly facilitates the growing requirement for automation in schooling systems.

CHAPTER 7

FUTURE WORKS

The project can be further expanded by adding CGPA and also by fetching the student data if required. Student credentials also can be added to the webpage and student inputs like profile photo, signature, automatic mailing options etc can be taken into consideration. And also the attendance percentage can be calculated and displayed using graphs.

CHAPTER 8

REFERENCES

We referred to many websites like code kshetra, editbits, geeks for geeks etc. referred to a few youtube channels and attended workshops on android development for building the app. And for the designing part we referred to a few books - The complete reference HTML & CSS by Thomas A.Powell and HTML5 & CSS3 by A Willey Brand.