



---

# **The Student Abode**

---

**Fully Automated Admission System**



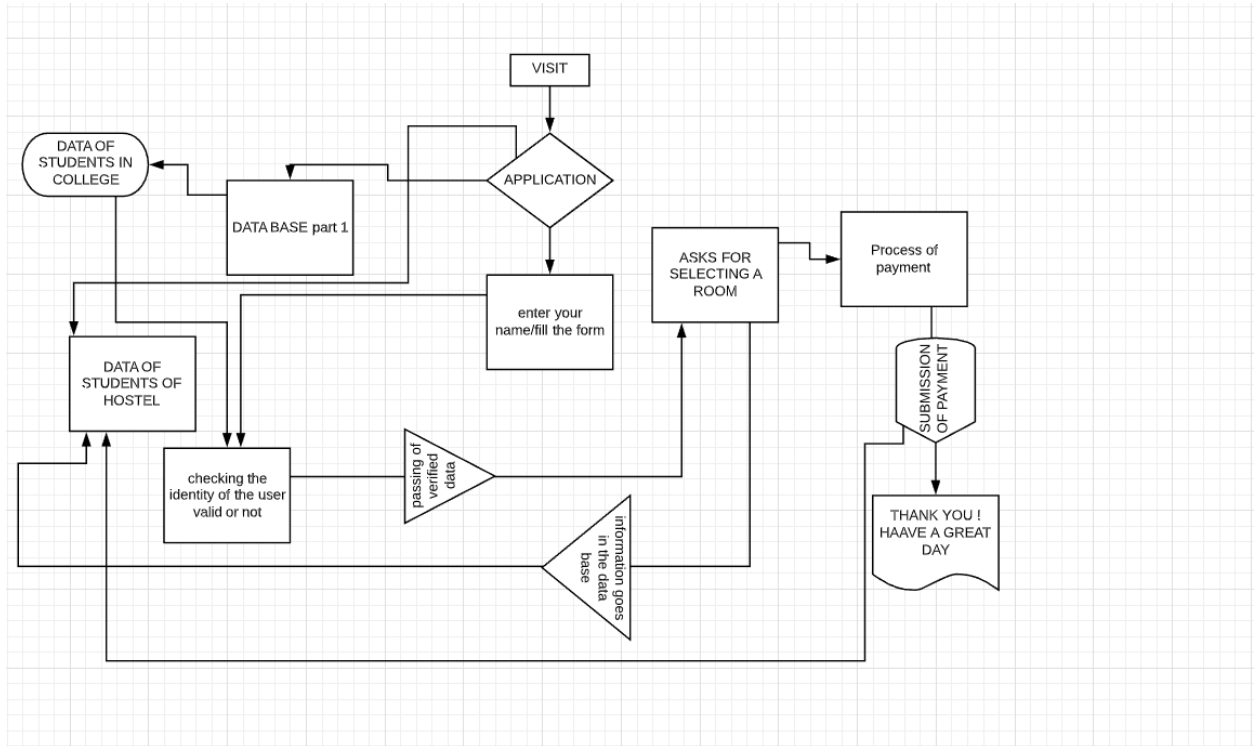
# INTRODUCTION

Welcome to The Student Abode. We understand finding a perfect hostel and its admission process might be exhausting. Long waits and repeated physical meeting makes you tiring to you, and so is for us. For your comfort "Fired Up Geeks" with "The Student Abode" brings you fully automated mobile application to make your admission process smooth and effortless.

In this app, firstly you will have to sign up. You will be shown available rooms and will be asked for room of your choice. Then you can plan a visit to the hostel to view it and see the room, then you will fill the form online and submit the required documents and now you will have to give an advance payment to book your room. On arrival you will have to pay full fees in 15 days or else the program will have reallocated the booked room. And that will be sad for us ☹.

For our project we will require DBMS for storing hostel data, photo gallery for storing pictures of the students, a form, Document checker, and Payment Gateway.

# PROCESS FLOW



# ALGORITHM

1. Start
2. If(new user)
  - {
  - Sign Up
  - }
  - Else
  - {
  - Sign In()
  - {
  - If(id.entered==id.database &&  
pswd.entered==pswd.database)
  - {
  - Print(Login Successful)
  - Enter in app()
  - }
  - Else
  - {
  - Print(Login Failed. Try Again)
  - Return to sign in page()
  - }
  - }
  - }
  - }
3. Build a data base using SQL+ named The Student Abode
4. Create table Visitors
5. Enter data of loged in users

#### 6. Select a Room()

```
{  
    If(room available)  
    {  
        Print(Your room is ready. Plan a visit and check  
yourself)  
    }  
}
```

#### 7. Plan a visit()

```
{  
    getdata.Date()  
    getdata.Time()  
    Store data into the table Visitors()  
}
```

#### 8. Documentation()

```
{  
    getdata.Aadharcard()  
    getdata.College_id()  
    getdata.Form()  
}  
Create table Student_Data  
Store Aadharcard, College_id, Form
```

#### 9. Check Payment Gateway

```
getdata.bankbalance_initial()  
getdata.bankbalance_final()
```

```

10.    Payment_Advance()
    {
        If(bankbalance_initial-bankbalance_final=Advance fee)
        {
            Print(Thank you)
        }
        Else()
        Print(Payment not received)

    }

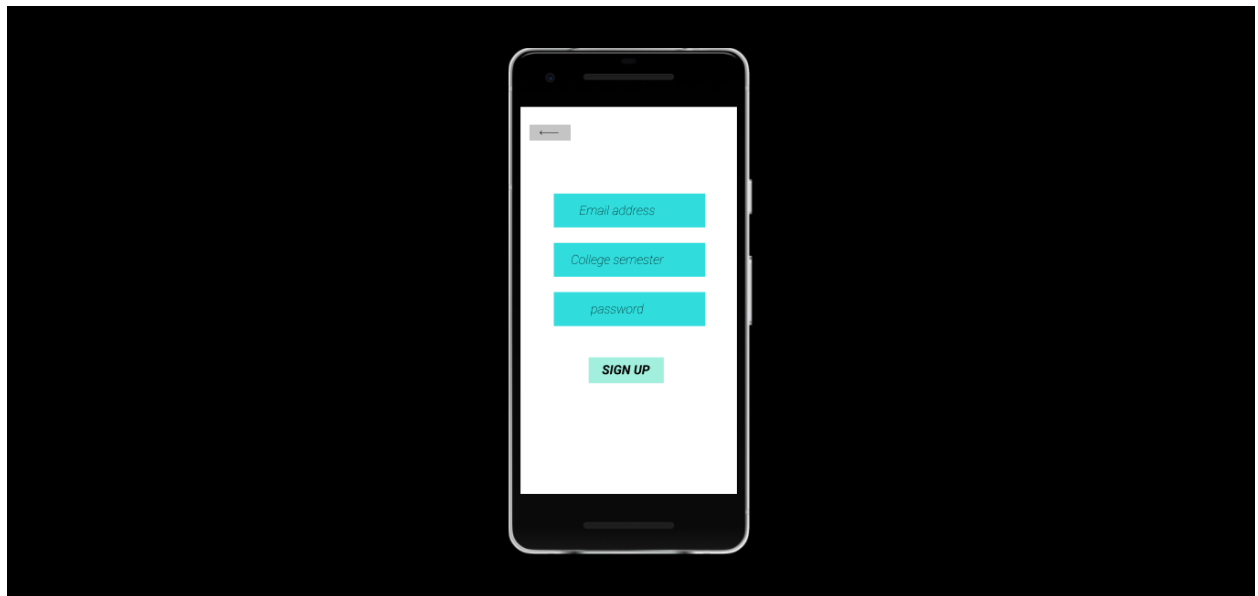
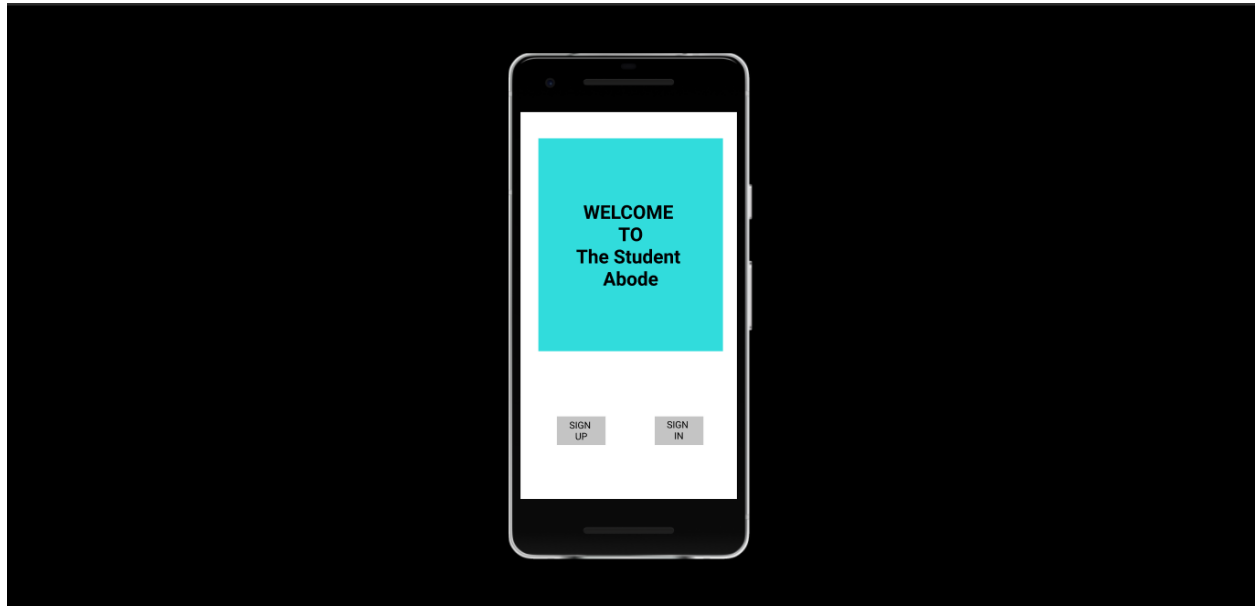
11.    Payment_Fees()
    {
        If(bankbalance_initial-bankbalance_final=fee)
        {
            Print(Thank you)
        }
        Else()
        Print(Payment not received)

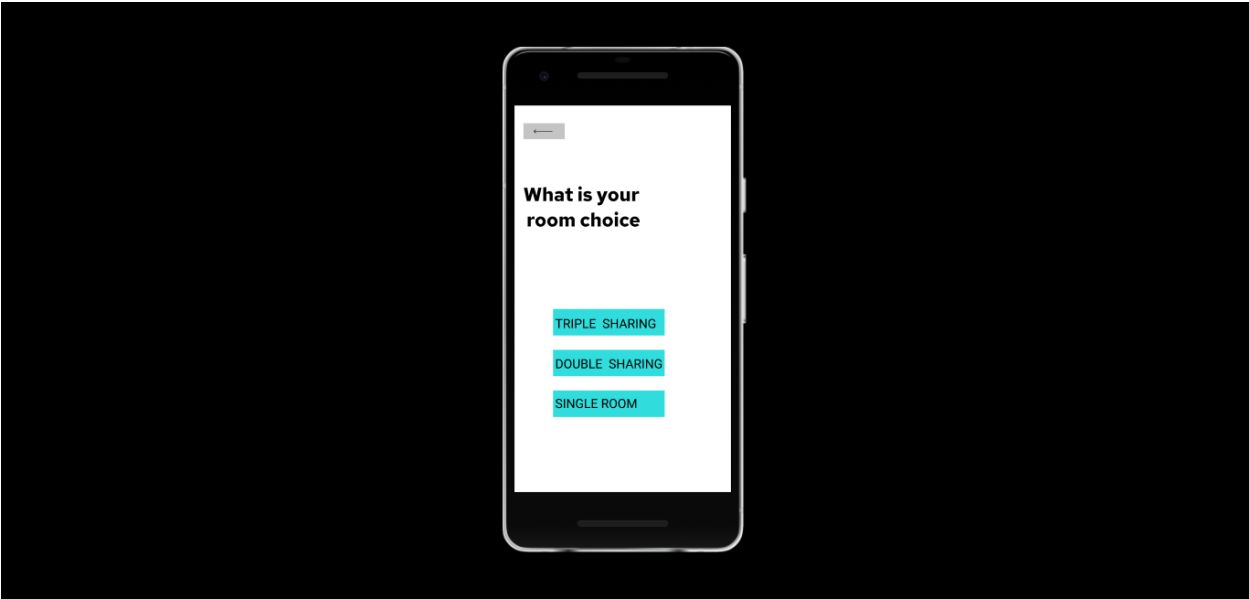
    }

12.    If(Payment_Fees not received in 15 days)
    {
        Delete.data()    //room released
    }

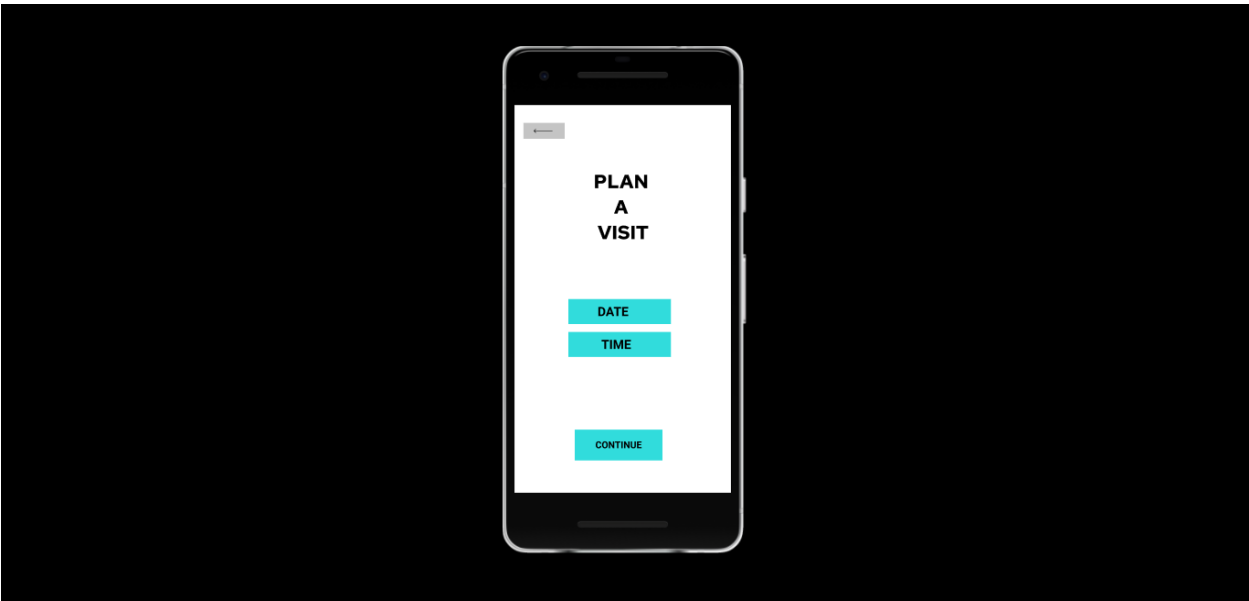
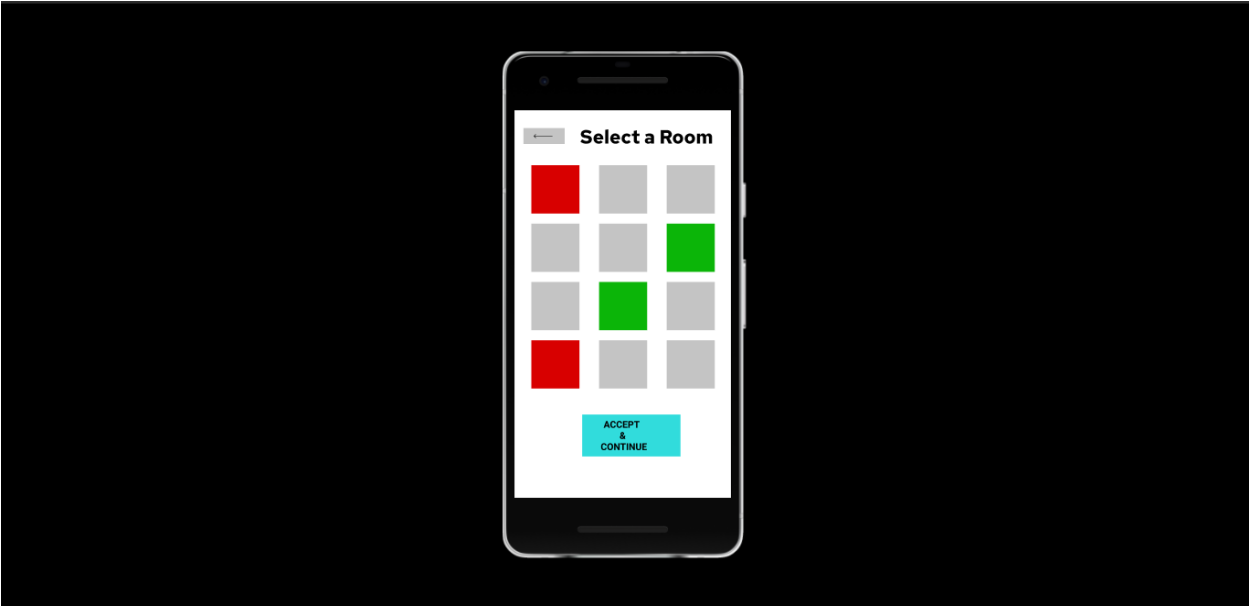
```

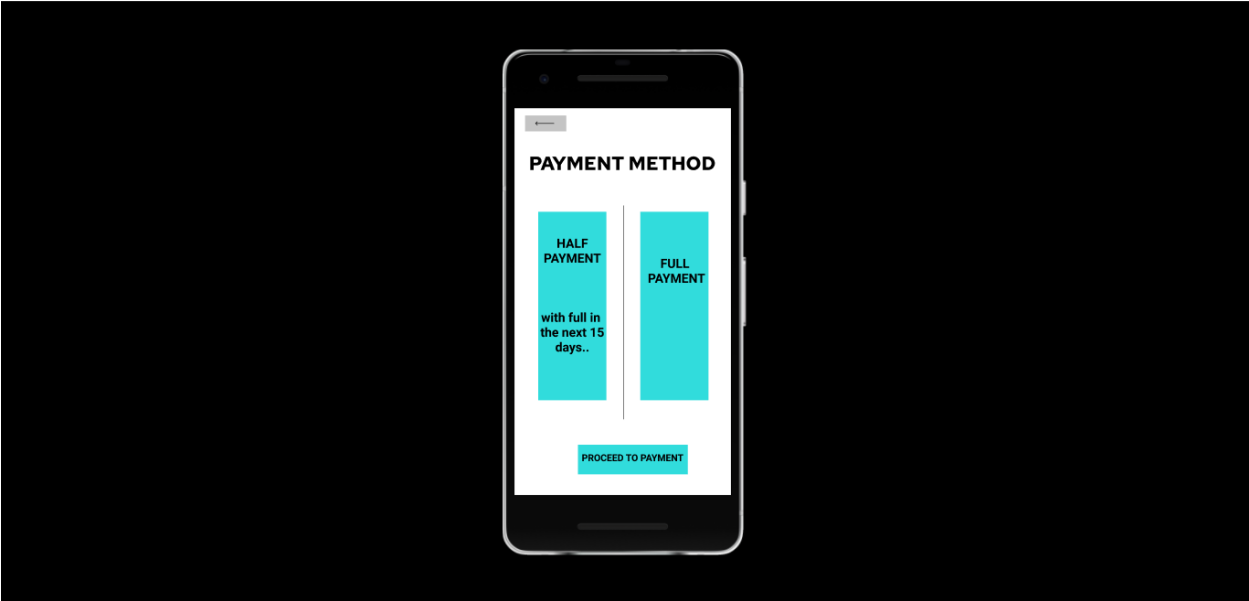
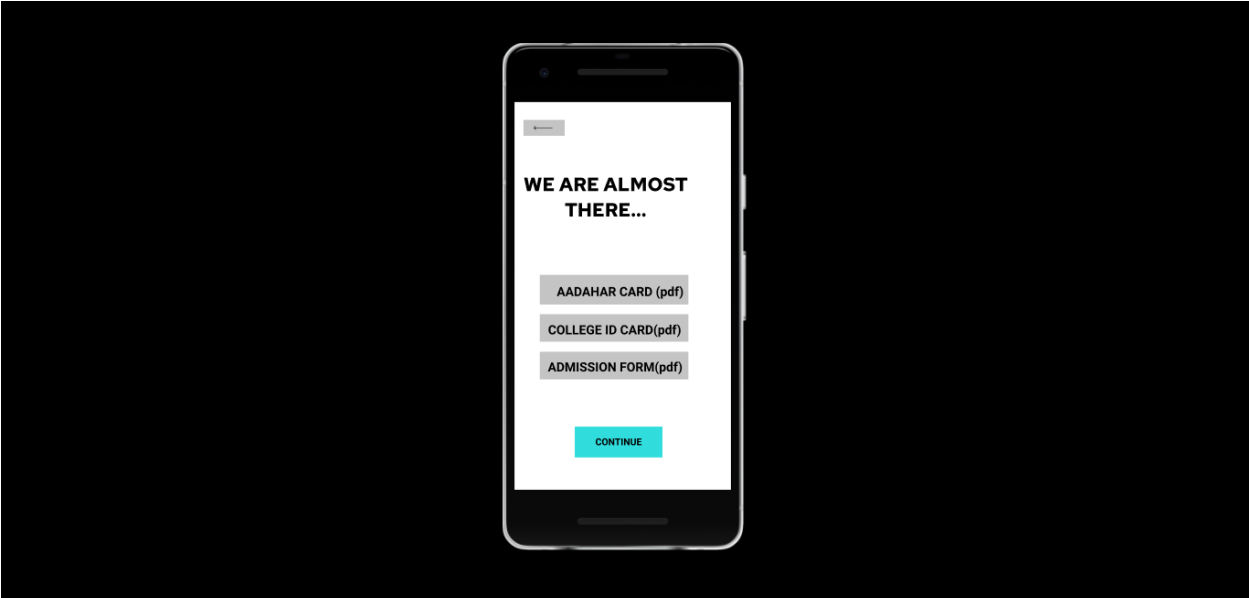
# OVERVIEW SOLUTION

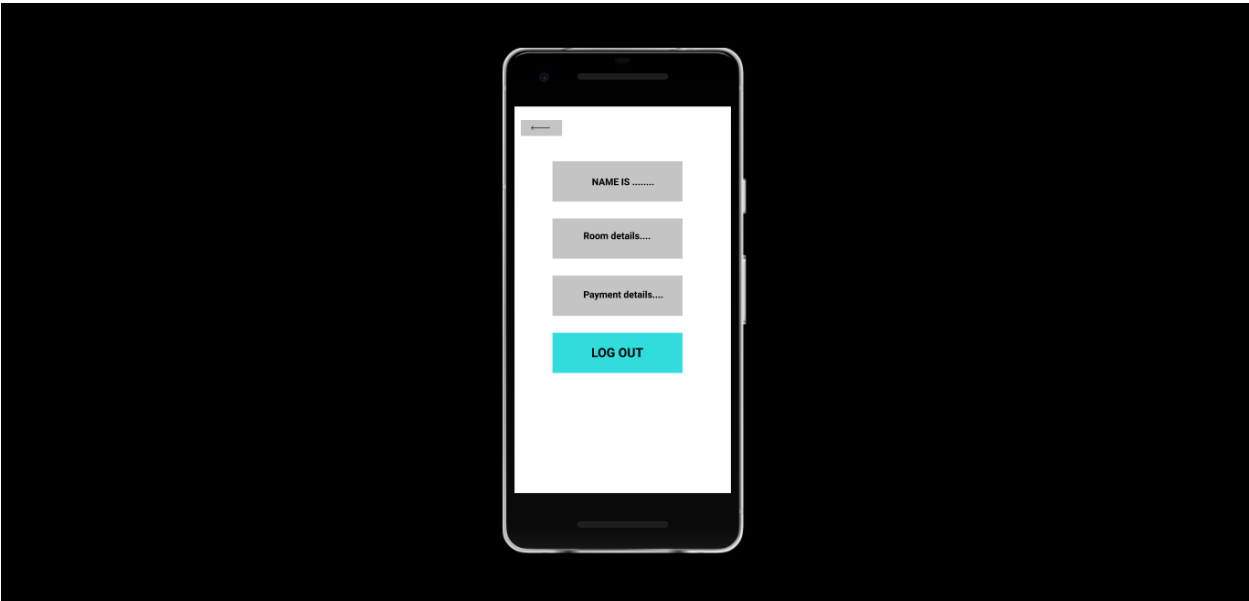
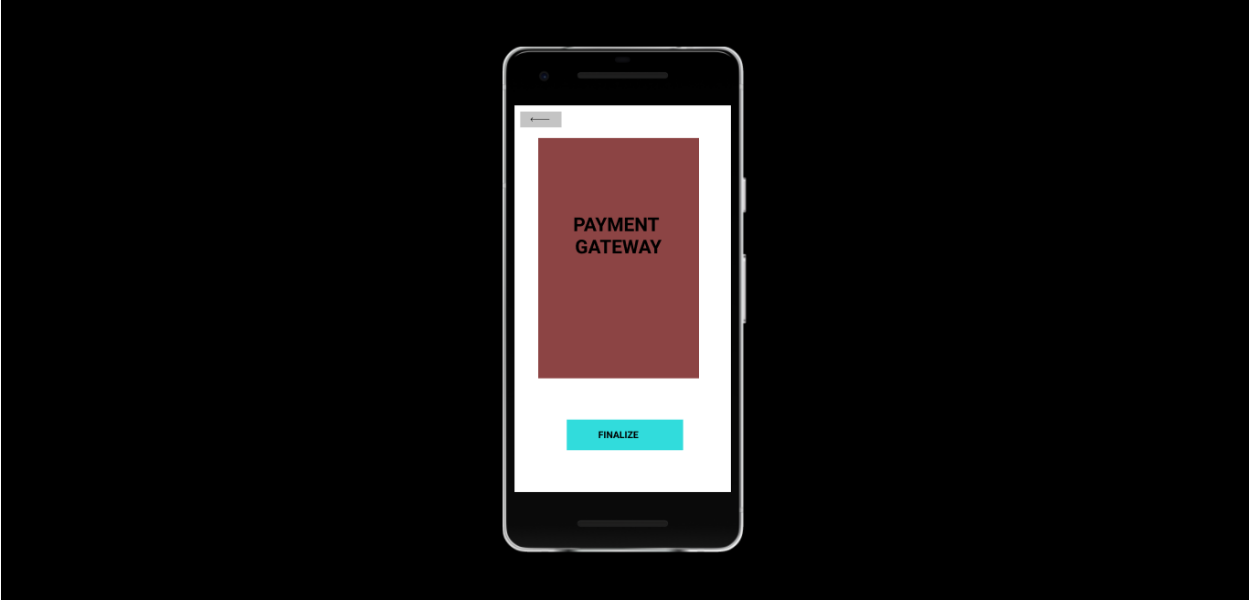












## ANY FURTHER SCOPE

When this app is fully developed, it will make our lives easier as the process can be done from anywhere in the world through your smart device, easy to use and the problems faced by the user can be solved quickly and will also gain attraction of the user.

**THANK YOU**