

# Object Oriented Programming

CS-261





# Hyper Sync

*We work to Unite* ⚡

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**202011031**

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**202011032**

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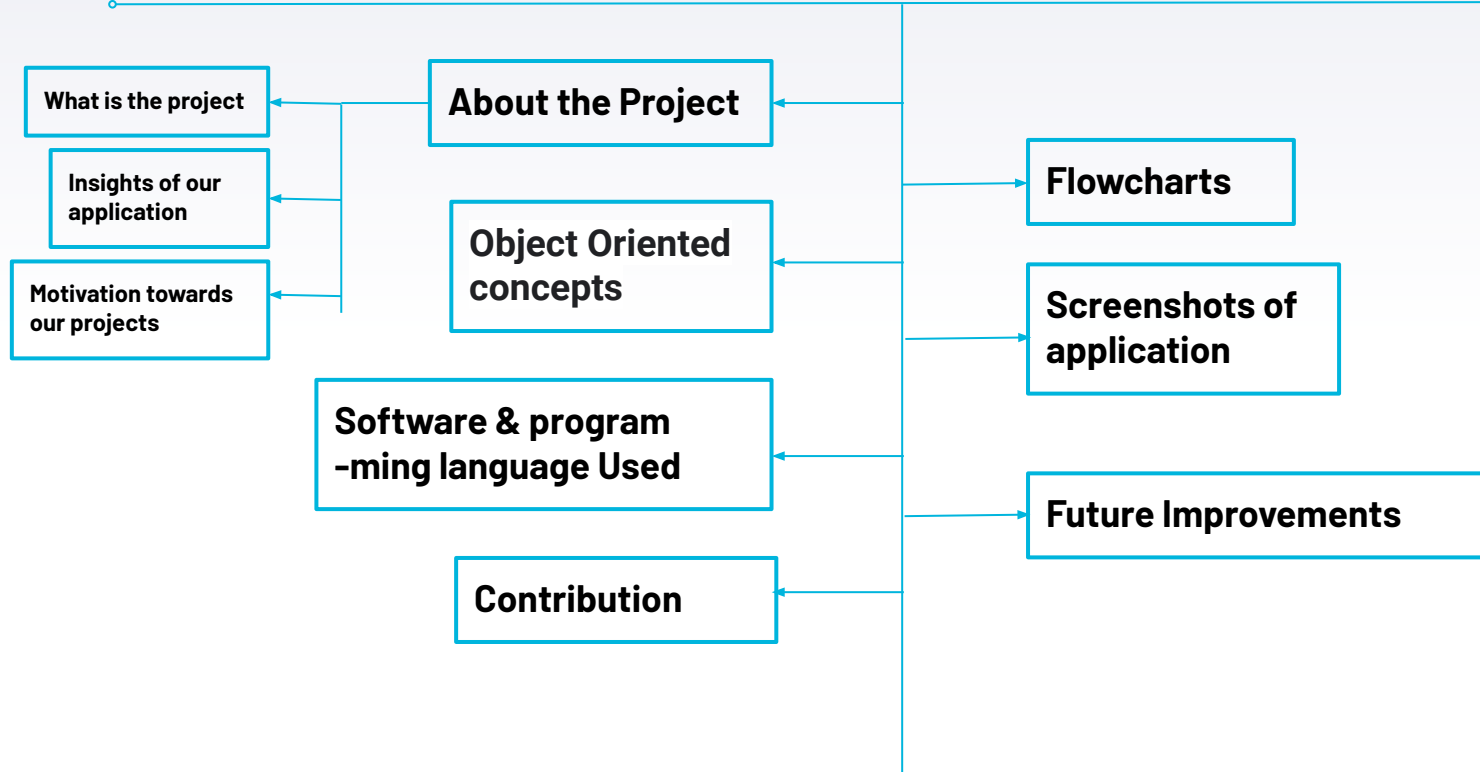
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**202011023**

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**202011004**

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# About the Project



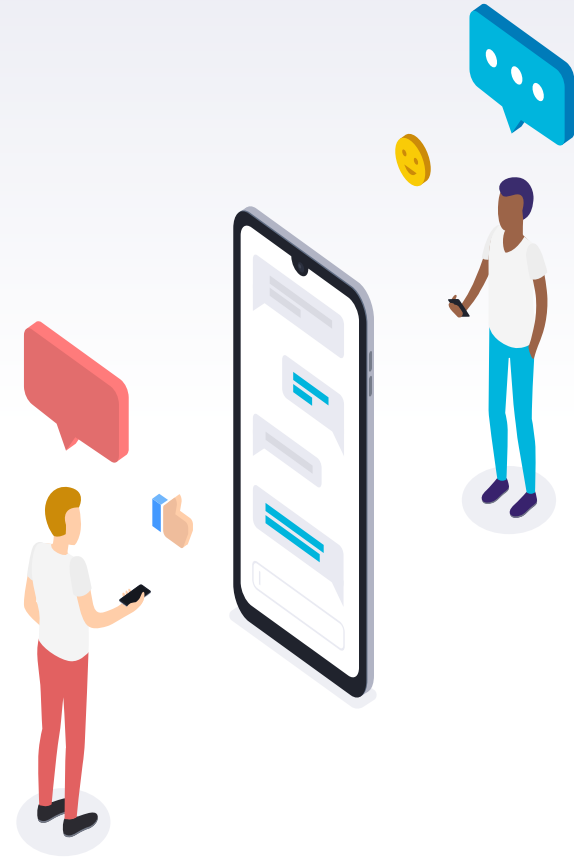
# What Is Our Project?

- *Advance Employment Management System Project is an application which stores all the employee's information in database. It is an application developed in Java GUI technology and database used is Firebase.*
- *The application is built at the administrative end which means that only the admins has access to add employee.*
- *It is an easy to use application and has a user friendly interface.*
- *It contains information about employee like id , name, email id. There is chat section provided so you can communicate with others , you can also apply for leave through the function provided.*



# Insights Of Our Application

- Welcome page and Terms and condition Page
- Registering your Company as a administrator
- Sign Up and Sign In page
- Home page after we are Logged in
- Project Section
- Announcement Section
- Holiday declaring Section
- Admin Tool Page - where admin add employees or make new admins
- Poll Section - different for admins and employees
- Chat Section



# Motivation Towards our Project

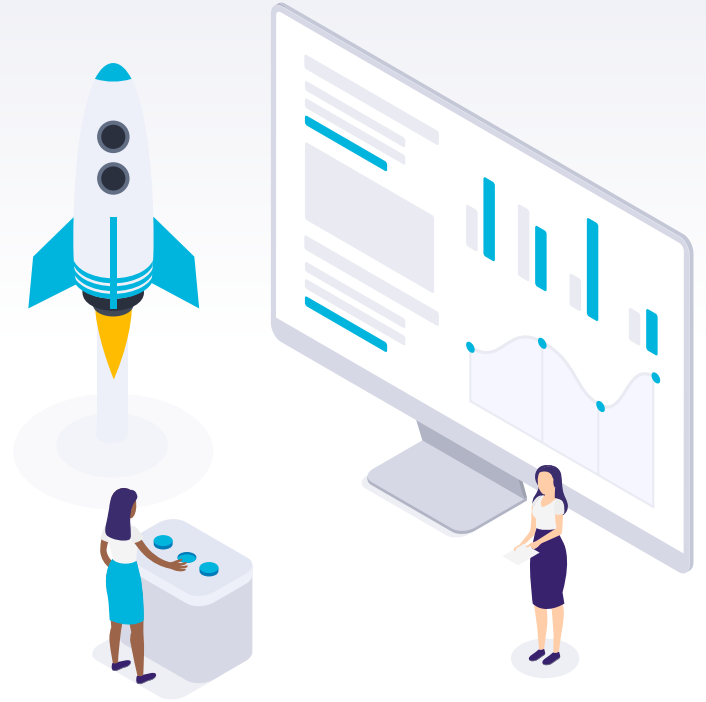
- To make people available with the Updates 24/7.
- To create an user friendly environment that motivates user to get connected to their projects easily and securely.
- The push for our project *ADVANCE EMPLOYMENT SYSTEM* was motivated by the need to reduce communication gaps and delays in completion of projects.





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# Flow Charts



Accept Terms and Conditions

**Get Started**

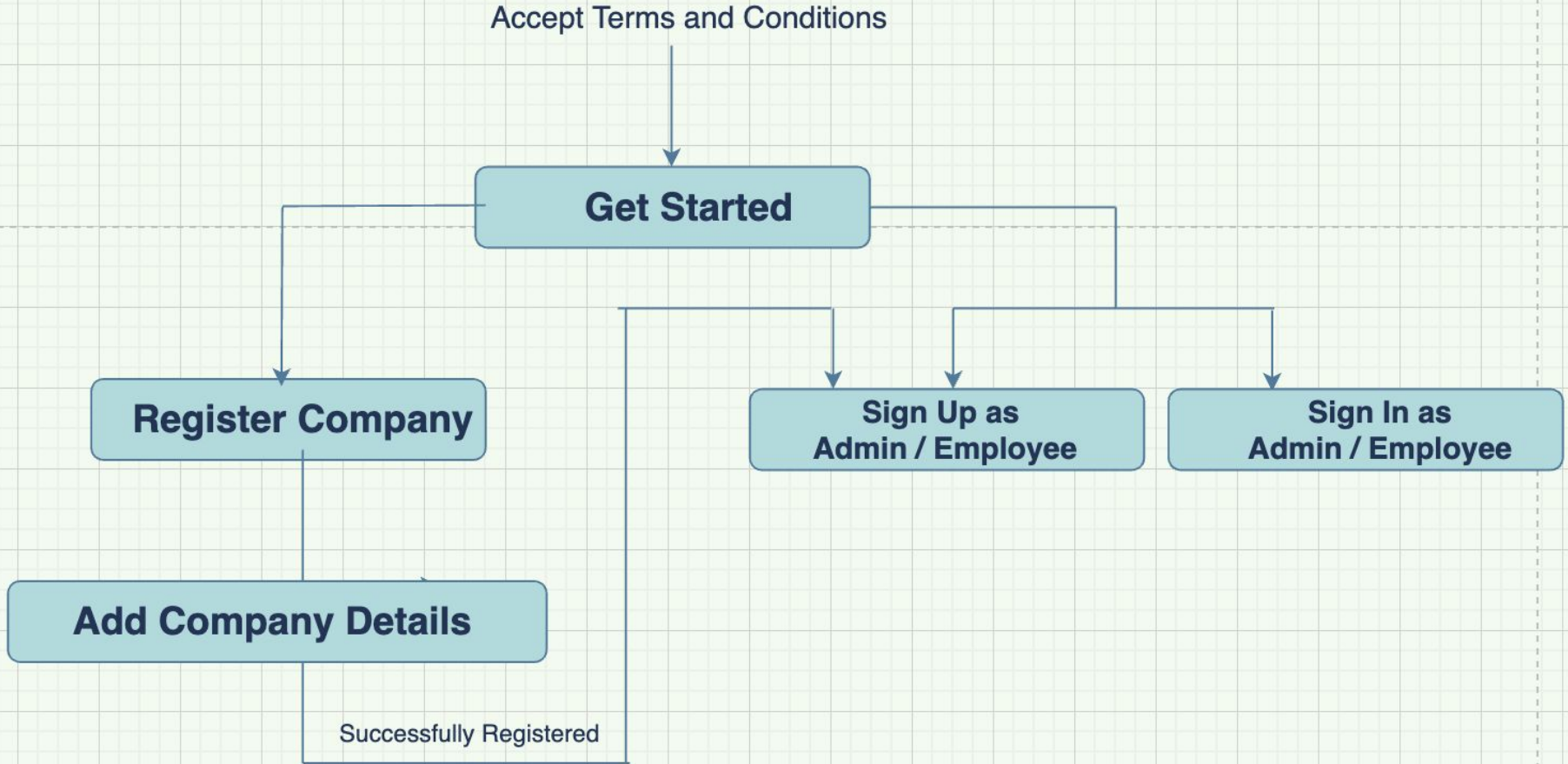
**Register Company**

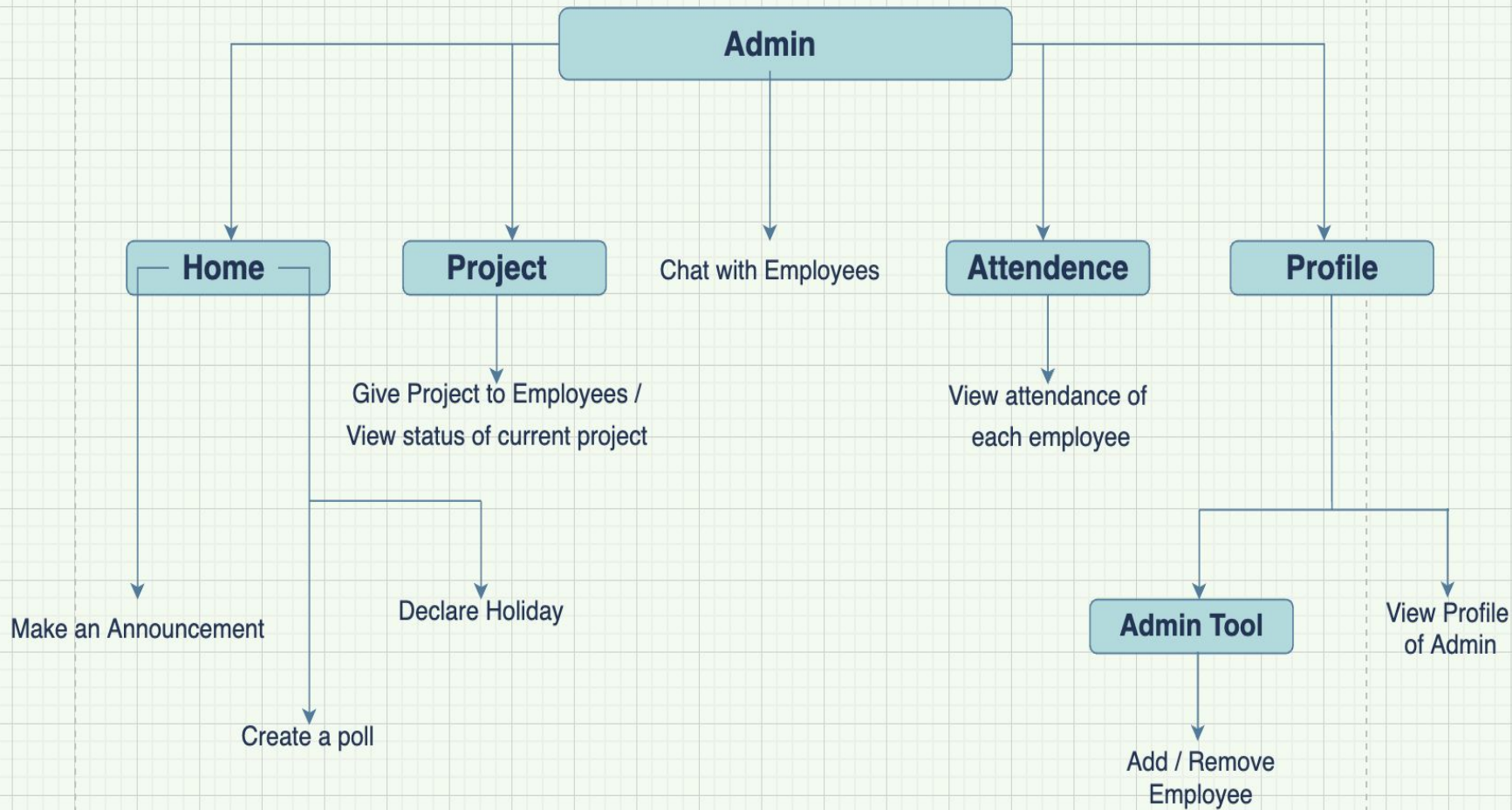
**Add Company Details**

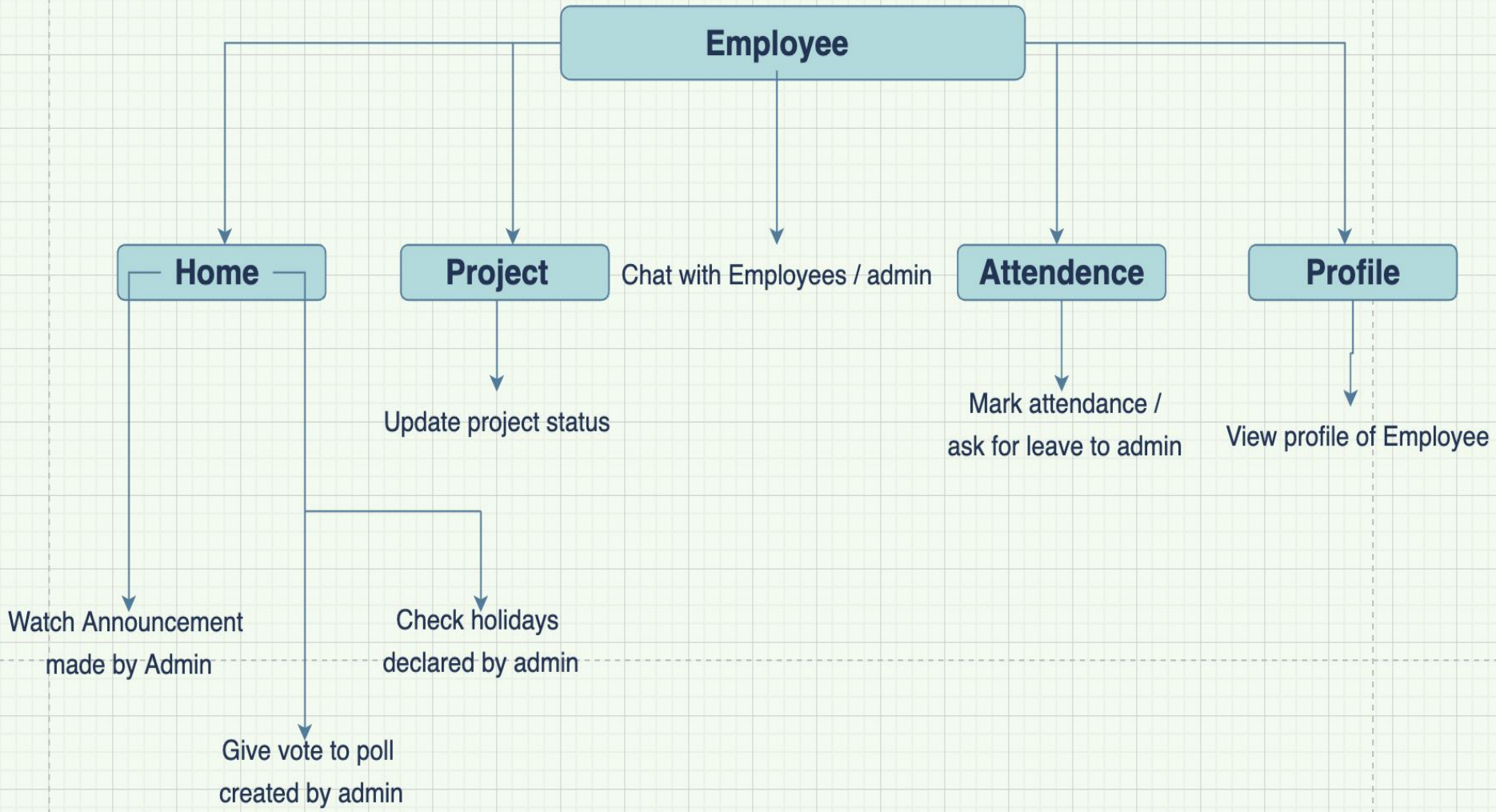
Successfully Registered

**Sign Up as  
Admin / Employee**

**Sign In as  
Admin / Employee**







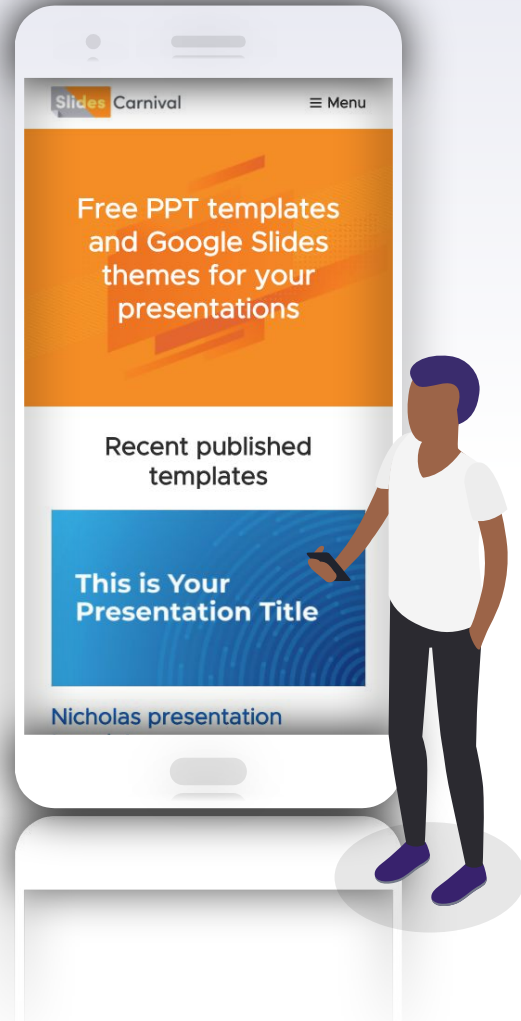
# CONCEPTS OF OOPS USED IN OUR PROJECT

- Encapsulation
- Abstraction (using Interface)
- Inheritance
- Exception Handling
- Polymorphism



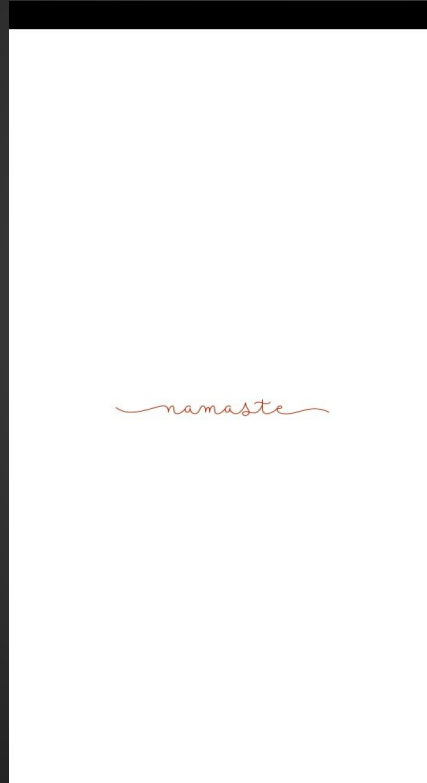
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# Screenshots of Application




# Some Screenshots of our app

- ▶ Welcome Page



# First Page:


## Accepting Terms and Conditions



**Hyper Sync**  
We work to Unite ⚡

☐ Here we accept all the [Terms and Conditions](#)

GET STARTED



**Terms and Conditions**

**Privacy Policy for HyperSync:**

HyperSync Private Limited built the HyperSync app as a Free app. This SERVICE is provided by HyperSync Private Limited and is intended for use as is.

This page is used to inform visitors regarding our policies with the collection, use, and disclosure of Personal Information if anyone decided to use our Service.

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# Register your Organisation

Register Company



Email

Enter First Name

Enter Last Name

+91 Mobile Number

Enter GST No.

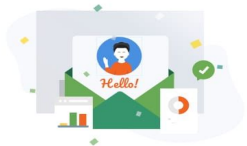
Enter your Designation

Enter Company Address



# Sign Up

Sign Up



Enter Password

Re-enter Password


Already Register

SIGN UP

Register Company

# Sign In

Sign In



Password

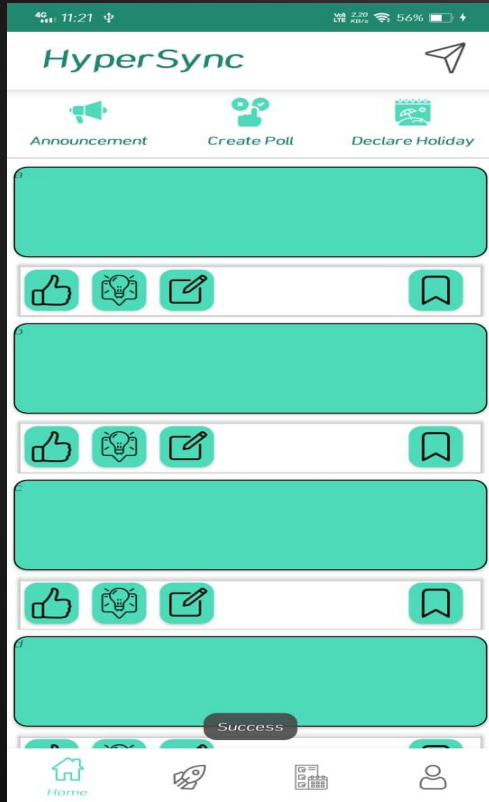
Sign-Up here

SIGN IN

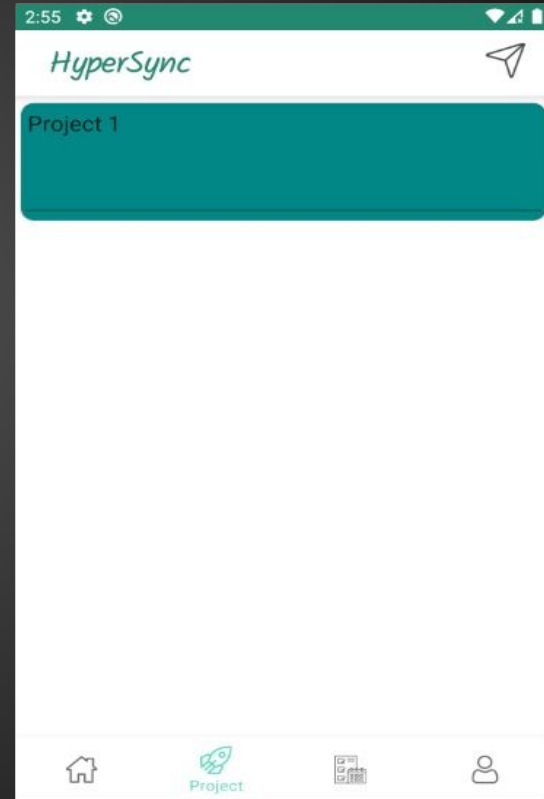
Register Company



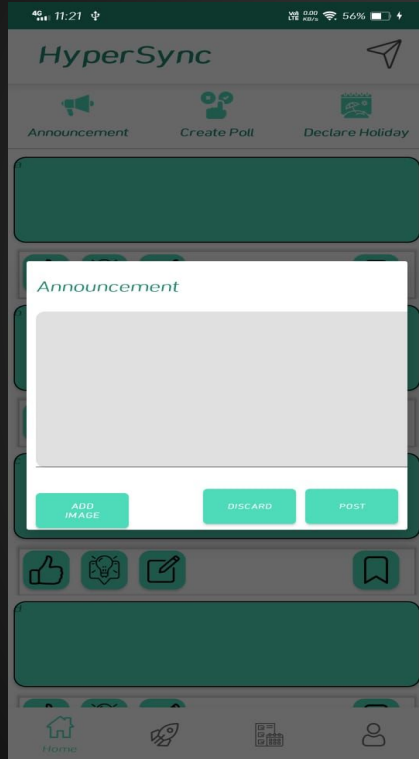
# Home Page



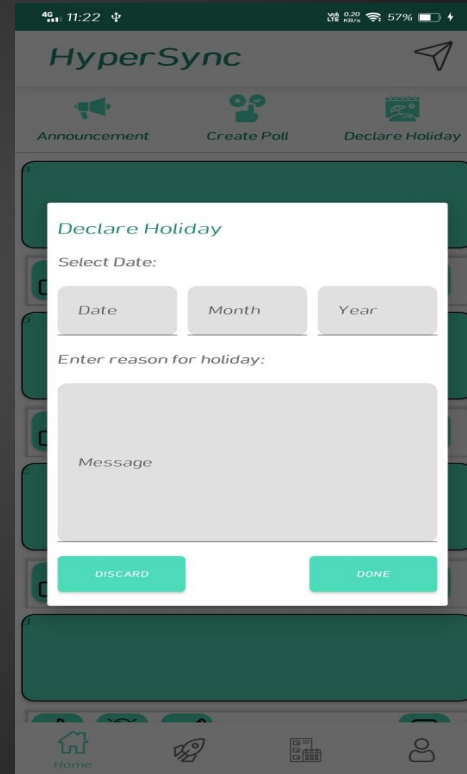
# Project Section



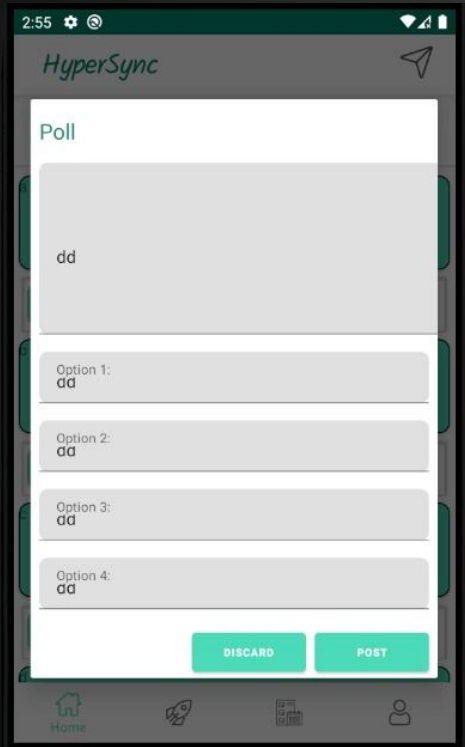
# Announcement Section



# Declaring Holiday



# Poll (Admin)



2:55

HyperSync

Poll

dd

Option 1:  
dd

Option 2:  
dd

Option 3:  
dd

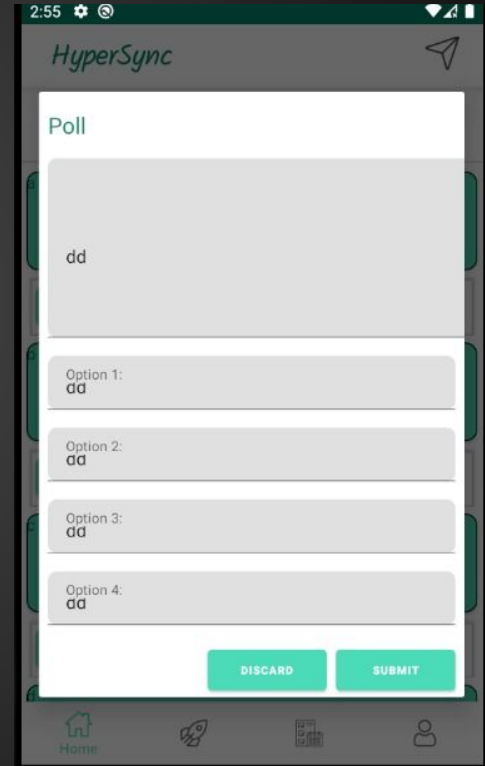
Option 4:  
dd

DISCARD POST

Home

The screenshot shows the Admin interface for creating a poll. It features a title field, a main description field, and four option fields. At the bottom, there are 'DISCARD' and 'POST' buttons. The bottom navigation bar includes icons for Home, a rocket, a bar chart, and a user profile.

# Poll (Employee)



2:55

HyperSync

Poll

dd

Option 1:  
dd

Option 2:  
dd

Option 3:  
dd

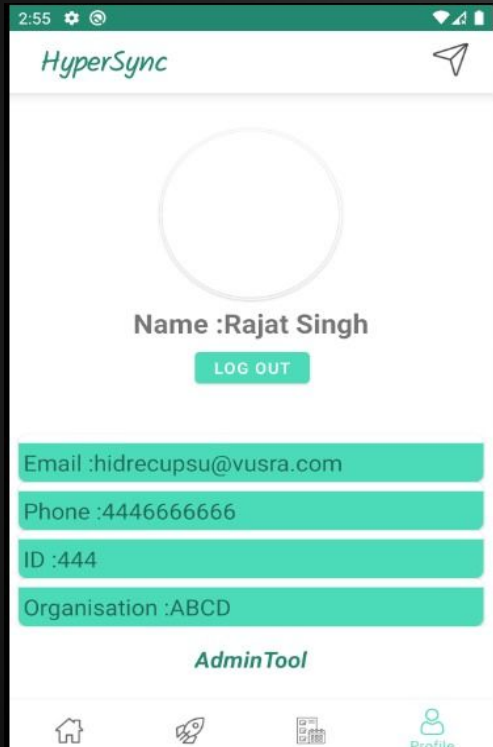
Option 4:  
dd

DISCARD SUBMIT

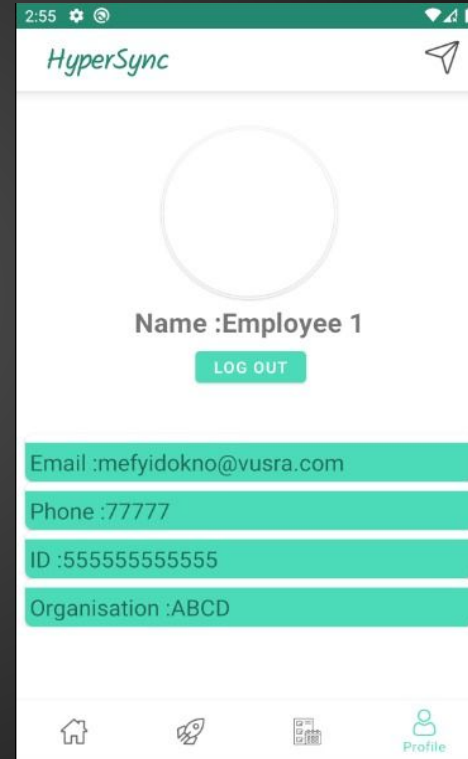
Home

The screenshot shows the Employee interface for viewing a poll. It displays the poll title, description, and four options. At the bottom, there are 'DISCARD' and 'SUBMIT' buttons. The bottom navigation bar includes icons for Home, a rocket, a bar chart, and a user profile.

# Profile (Admin)



# Profile (Employee)



# Admin Tool

11:52

Admin Tool

ADMIN EMPLOYEE

dwve  
web

fance  
fevgv

hidrecupsu@vusra.com  
444

+

11:53

Admin Tool

ADMIN EMPLOYEE

love  
id

mefyidokno@vusra.com  
555555555555

Email id

Id

SUBMIT

+

11:52

Admin Tool

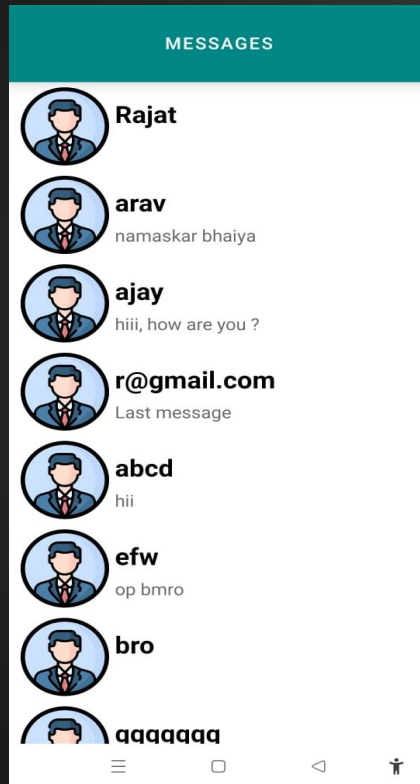
ADMIN EMPLOYEE

love  
id

mefyidokno@vusra.com  
555555555555

+

# Chat Section





# 4

## SOFTWARES AND PROGRAMMING LANGUAGES USED

Let's start with the first set of slides



## Software Used

- Android Studio
- Database Used - Firebase
- Git and GitHub
- Figma
- Whimsical
- Google Slides

## Languages Used

- Programming Language used - JAVA
- Markup Language used - XML






# FUTURE IMPROVEMENTS

- ▶ Project section is still having issues which need to be solved.
- ▶ Employee and admin interface are same in some faces.
- ▶ Chat section is having some serious issues and bugs.
- ▶ App size need to be reduced so that it can work smoothly on low-end devices.
- ▶ OTP needs to be implemented.



- Attendance need to be completed.

Employee Attendance Interface

  
Profile

**This week** Leave Request

Today

**Present** **Absent**





Remark: Enter reason

Yesterday **Present**




22-12 **Present**

21-12 **Present**

20-12 **Present**

     
Announcement Project Attendance Chat

Admin Attendance Interface

  
Profile

**This week** Leave Request geted

Today

Present: 34 Absent : 3 Total : 37  
On leave : 0

Yesterday





Present: 34 Absent : 3 Total : 37  
On leave : 0

23-12

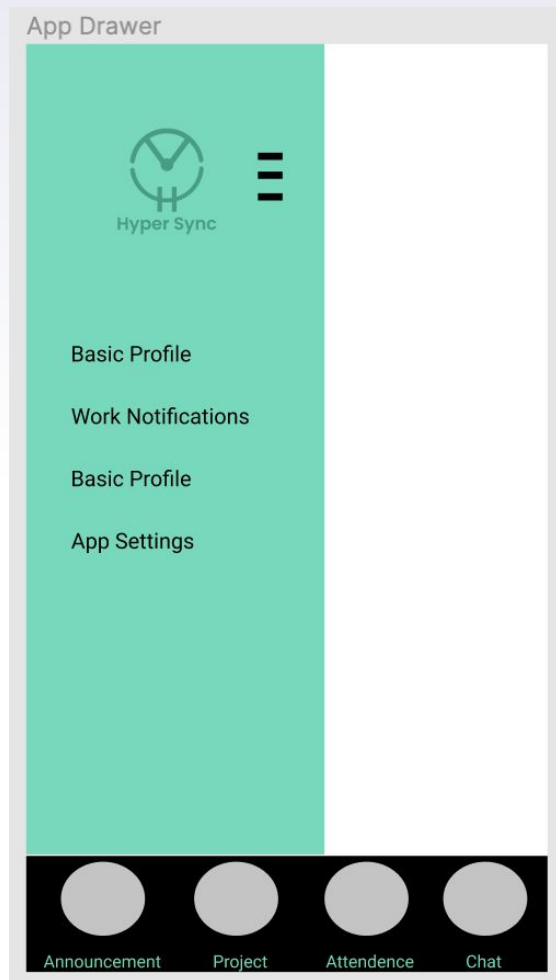
Present: 34 Absent : 3 Total : 37  
On leave : 0

22-12

Present: 34 Absent : 3 Total : 37  
On leave : 0

     
Announcement Project Attendance Chat

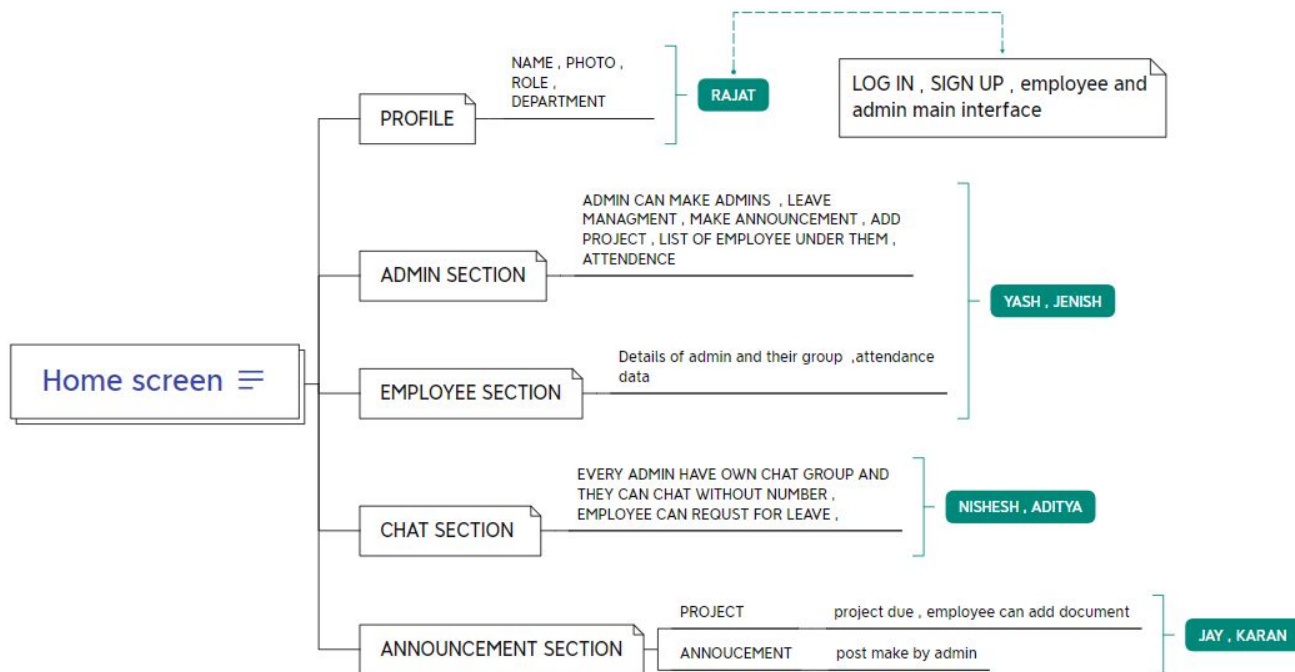
- ▶ App Drawer is still not done as per the initial plan.



# ► One major Improvement

- ▶ Admin and Employee interface are having the same interface
- ▶ Their must be different interface for both of they and we also planned for that but due to time issue we are not able to reach their.

# Contribution



# THANKS!

