Object Oriented Programming

CS-261

Hyper Sync
We work to Unite

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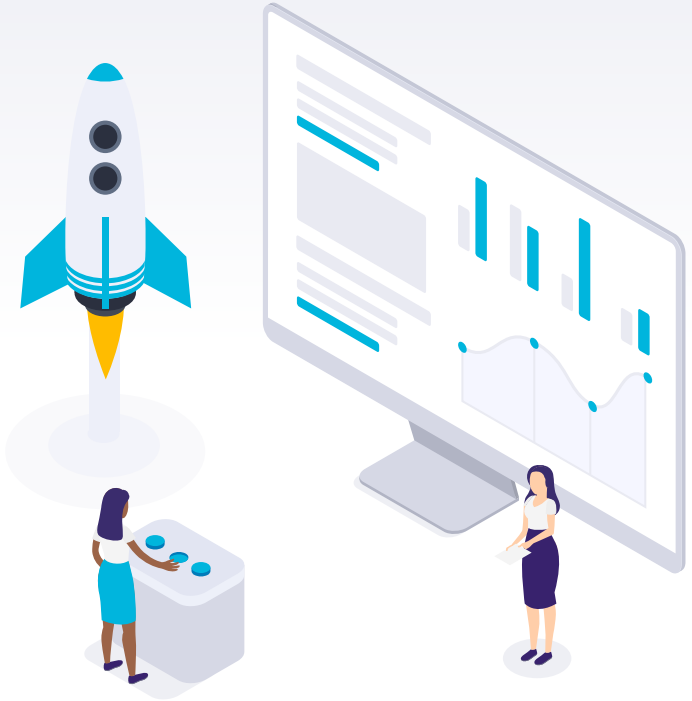
About the Project

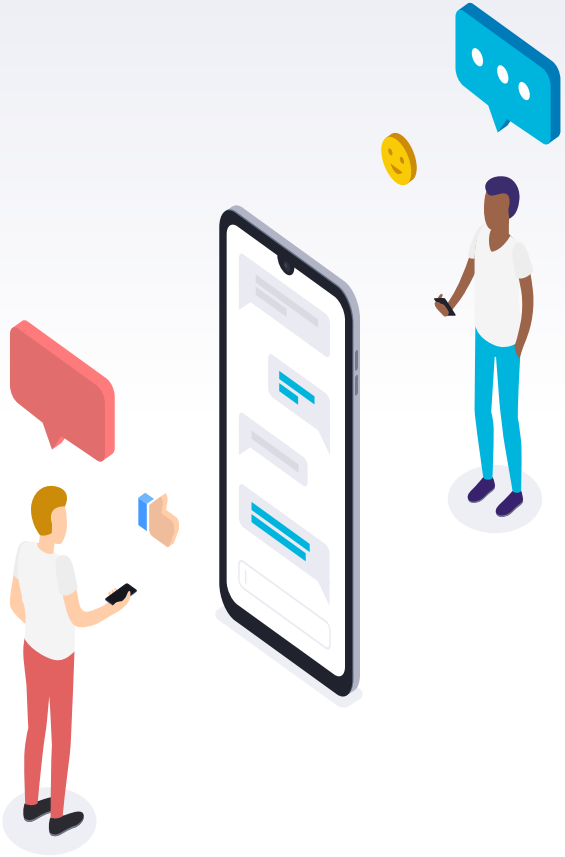


What Is Our Project?

- *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.*

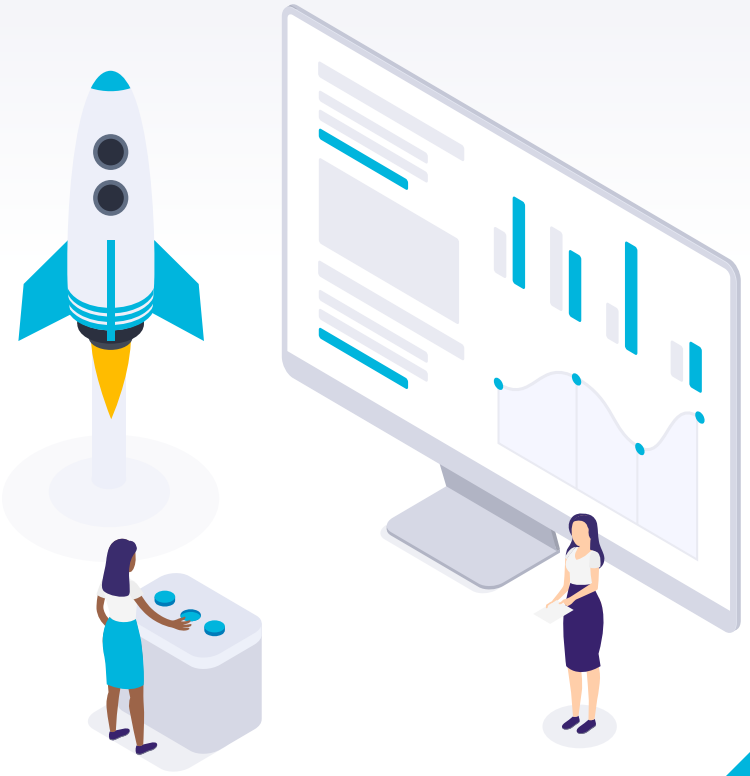
Insights Of Our Application

- 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

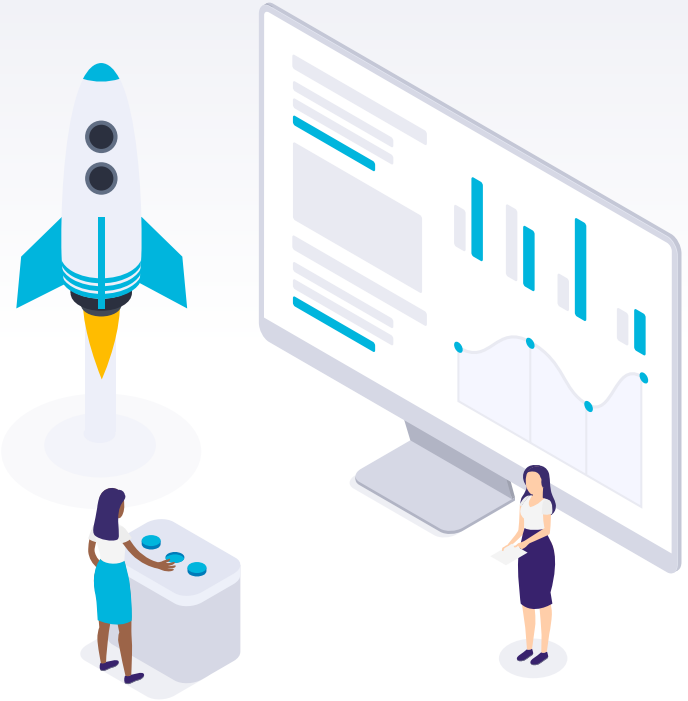


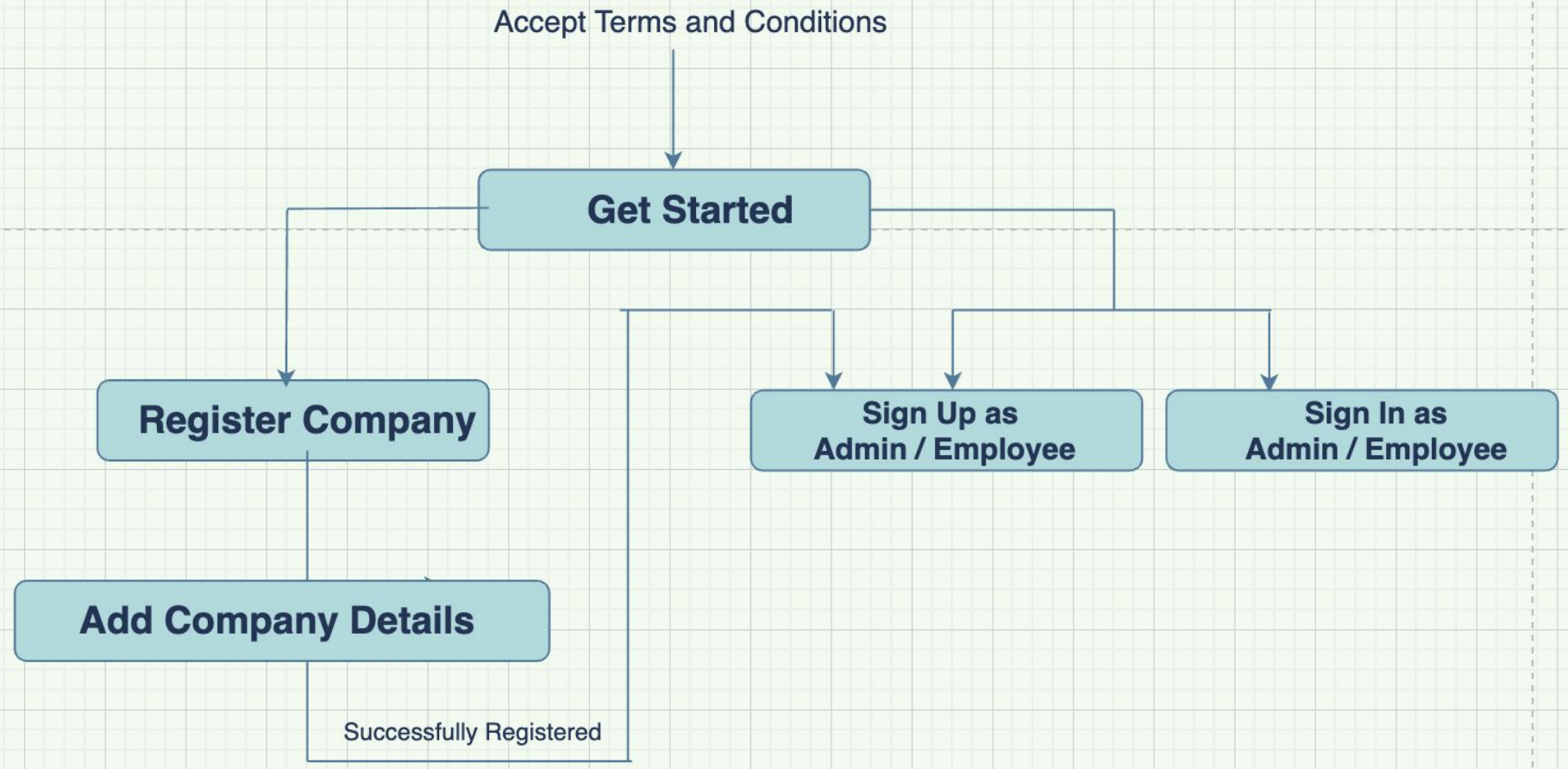
Motivation Towards our Project

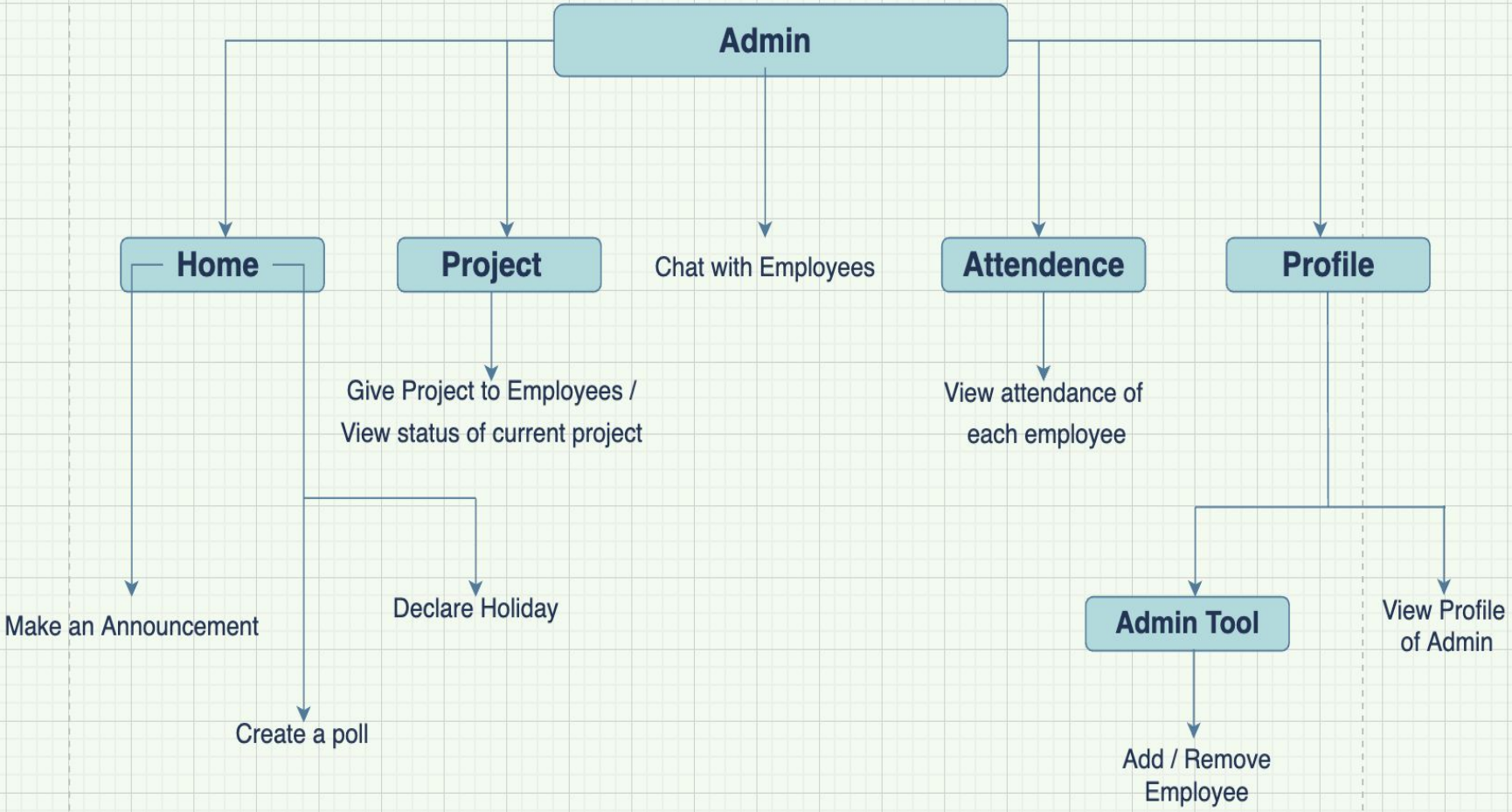
- To make people available with the Updates 24/7.
- To create an user friendly environment that motivates user to get connected to their projects easily and securely.
- The push for our project *ADVANCE EMPLOYMENT SYSTEM* was motivated by the need to reduce communication gaps and delays in completion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

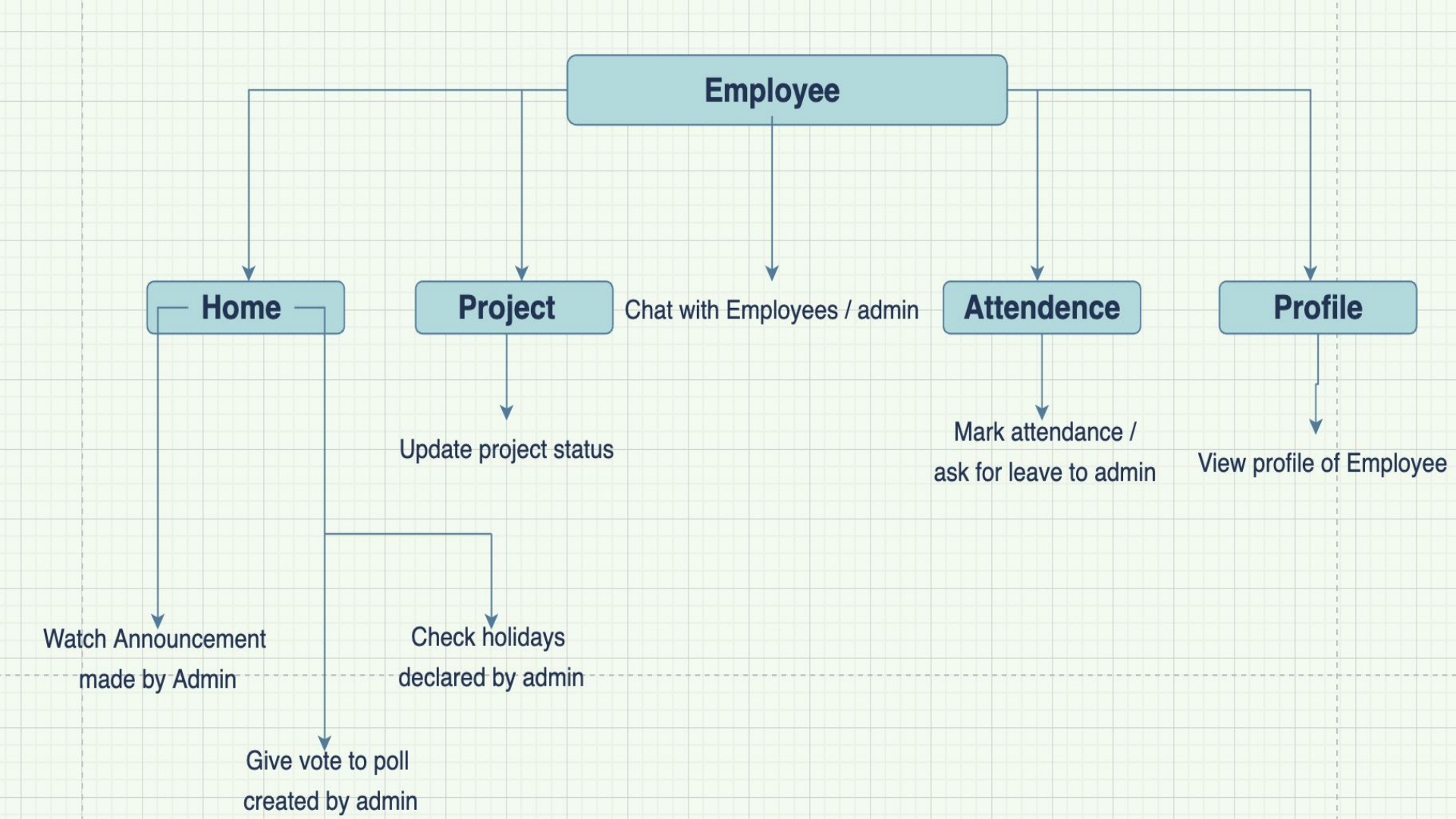


2 Flow Charts




Accept Terms and Conditions
Get Started
Register Company
Sign Up as
Admin / Employee
Sign In as
Admin / Employee
Add Company Details
Successfully Registered


Admin
Home
Project
Chat with Employees
Attendence
Profile
Give Project to Employees /
View status of current project
View attendance of
each employee
Make an Announcement
Declare Holiday
Create a poll
Admin Tool
View Profile
of Admin
Add / Remove
Employee


Employee
Home
Project
Chat with Employees / admin
Attendence
Profile
Update project status
Mark attendance /
ask for leave to admin
View profile of Employee
Watch Announcement
made by Admin
Check holidays
declared by admin
Give vote to poll
created by admin

CONCEPTS OF OOPS USED IN OUR PROJECT

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

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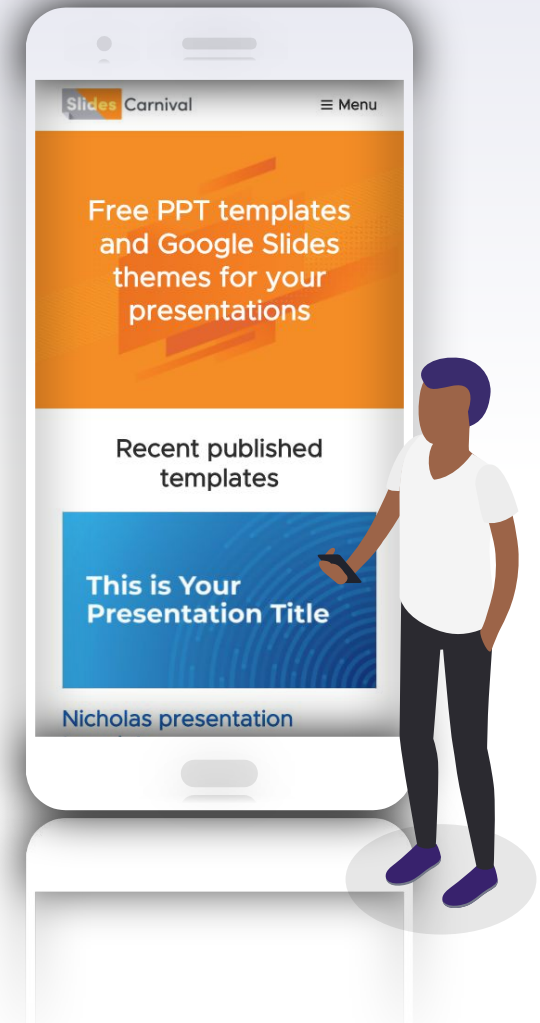
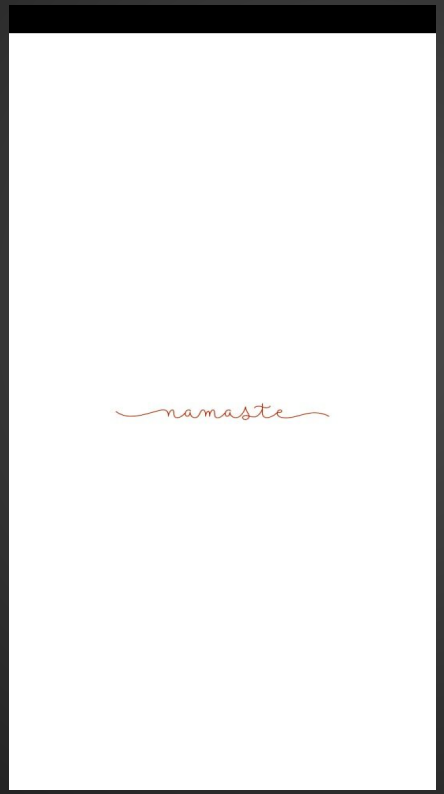
Screenshots of Application



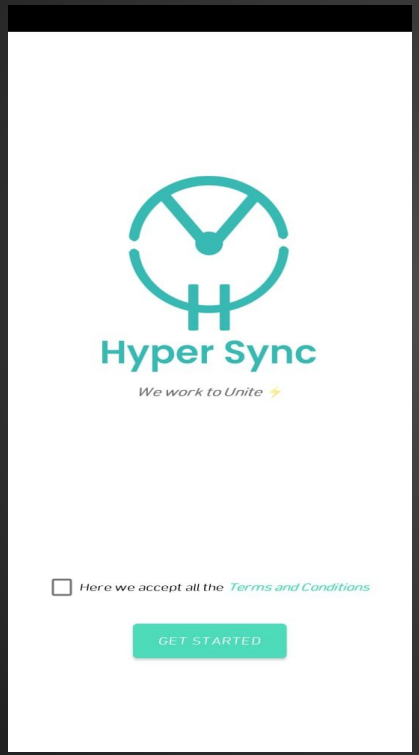
Some Screenshots of our app

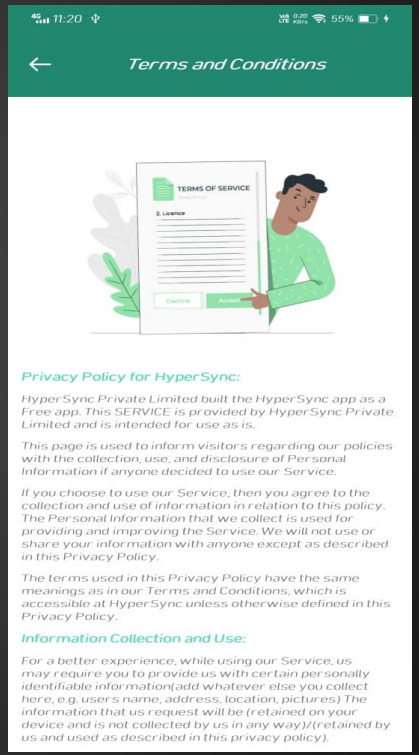
- Welcome Page



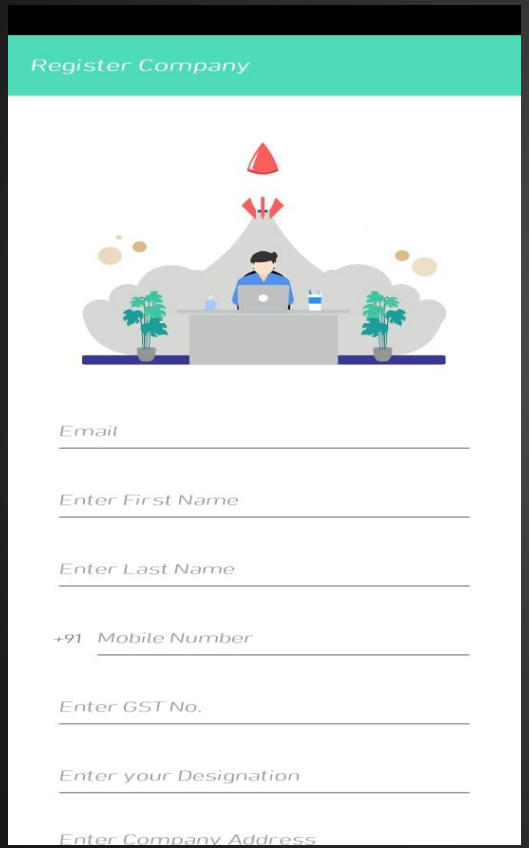
First Page:

Accepting Terms and Conditions

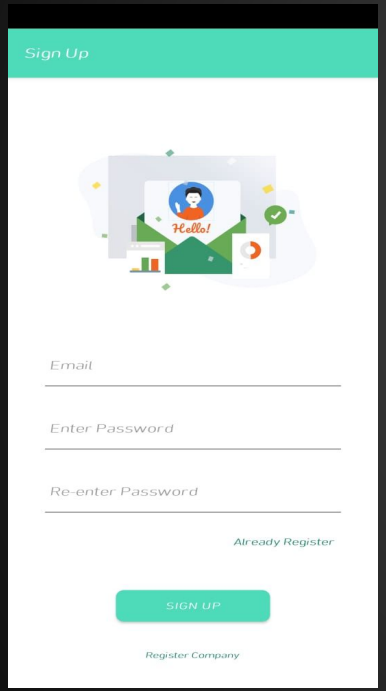




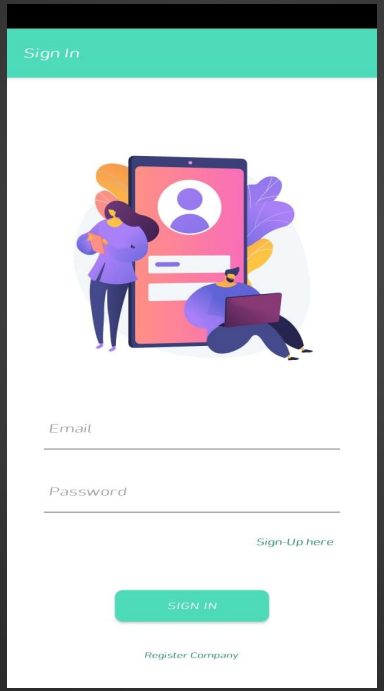
Register your Organisation



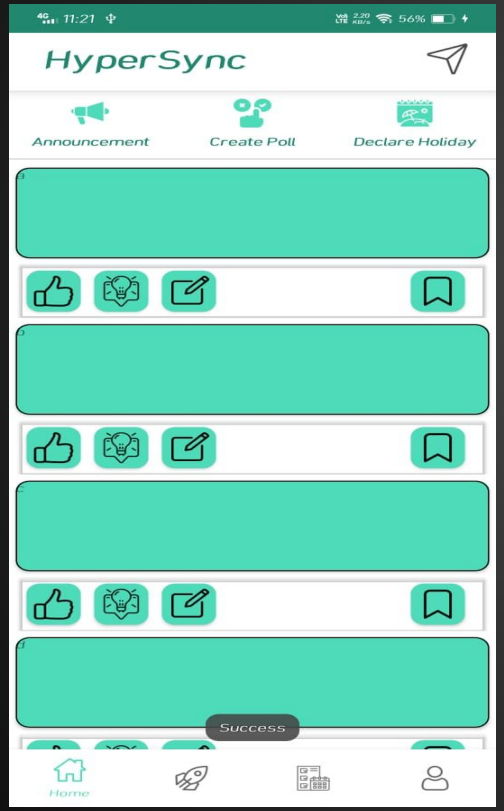
Sign Up



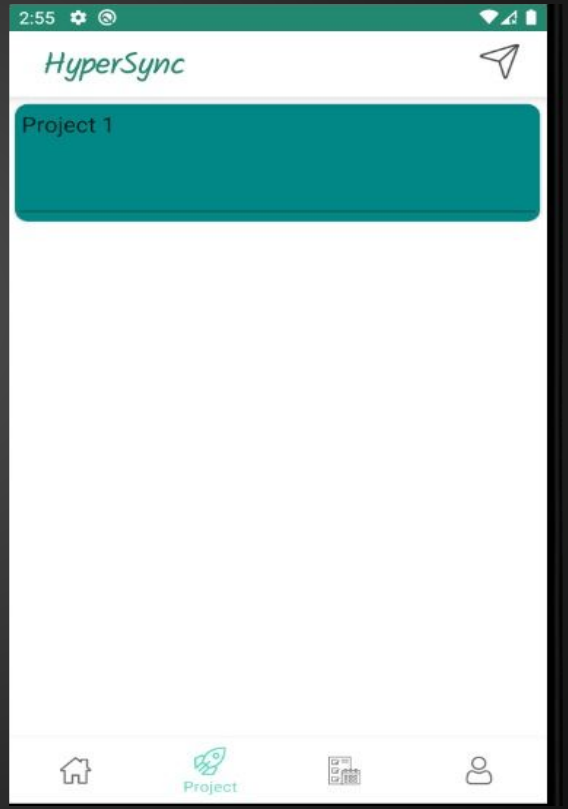
Sign In



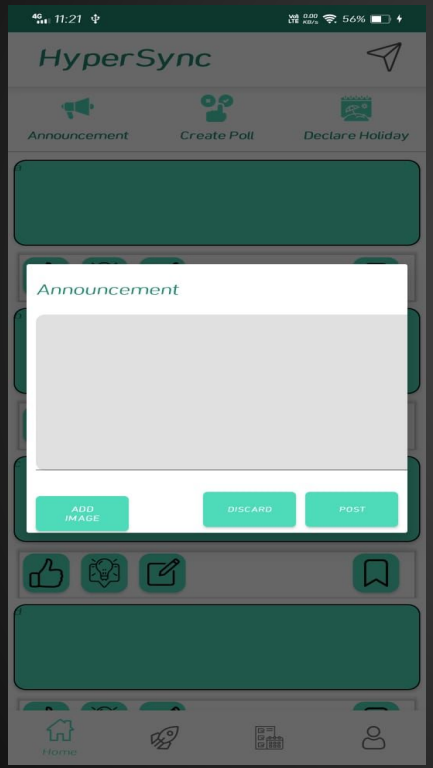
Home Page



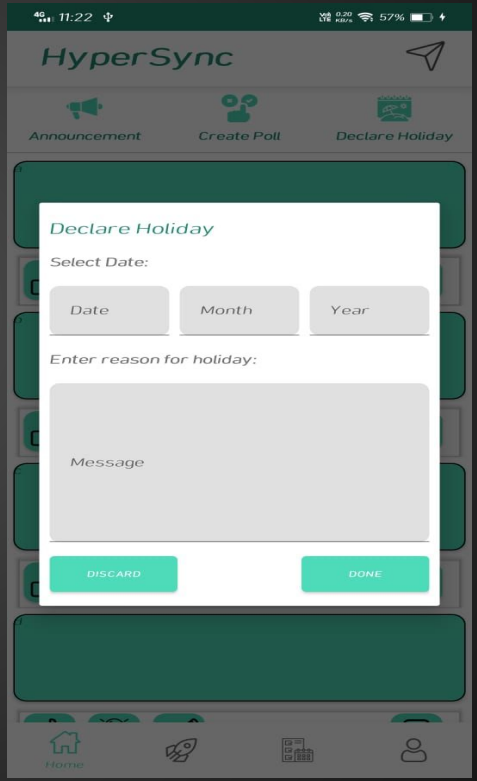
Project Section



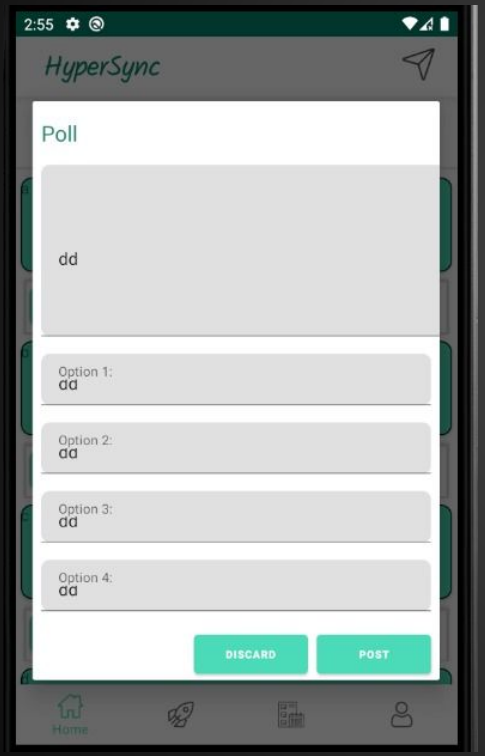
Announcement Section



Declaring Holiday

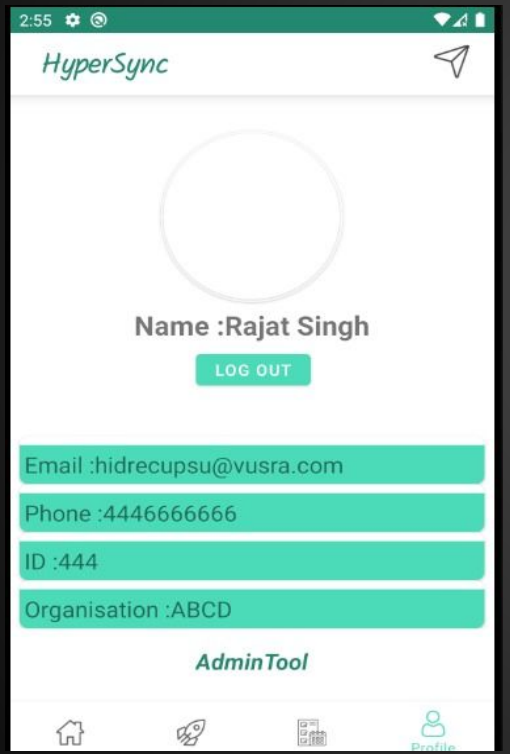


Poll (Admin)

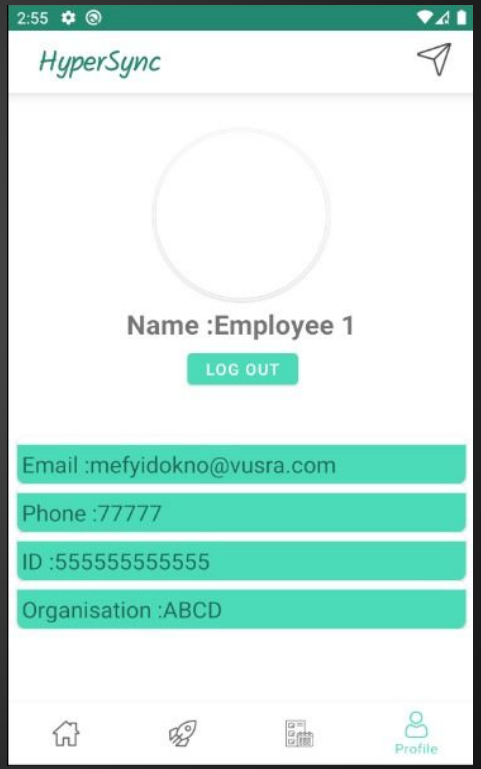


Poll (Employee)

Profile (Admin)

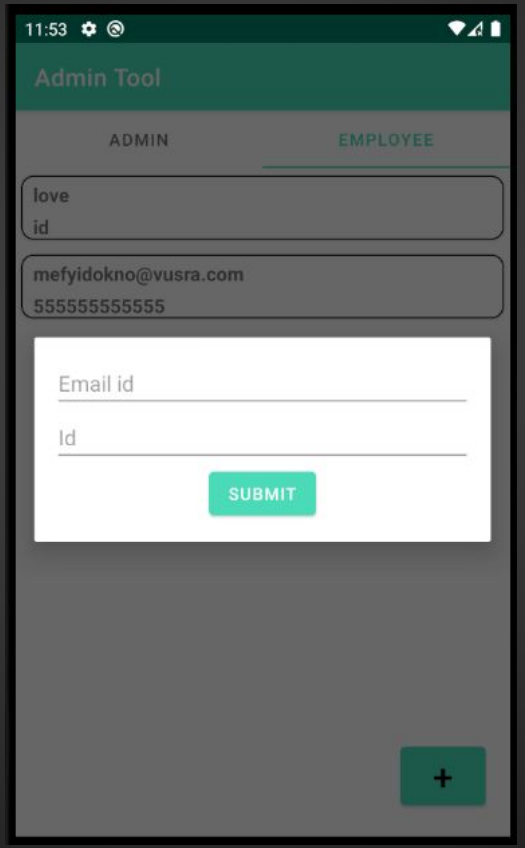


Profile (Employee)



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
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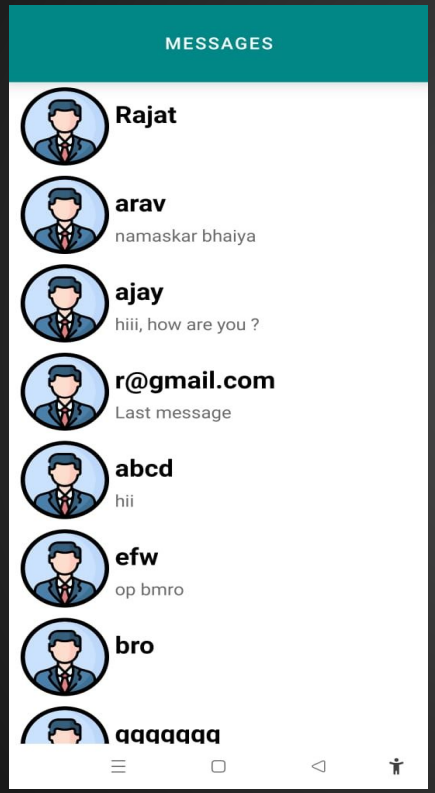
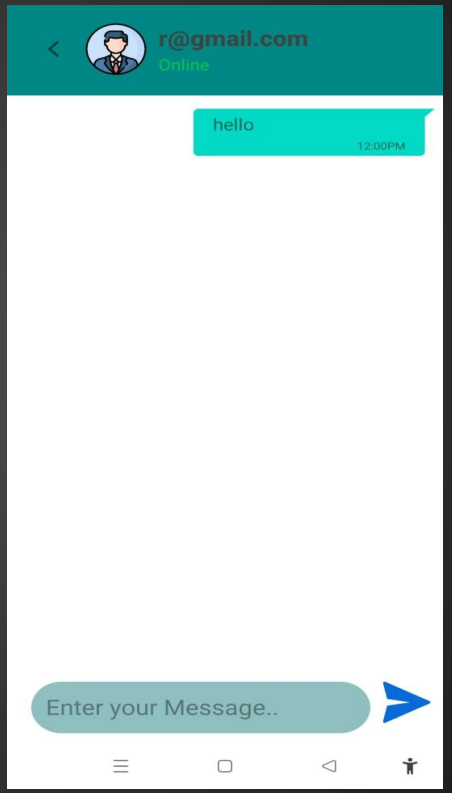
Chat Section





4

SOFTWARES AND PROGRAMMING LANGUAGES USED

Let’s start with he first set of slides

Software Used

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

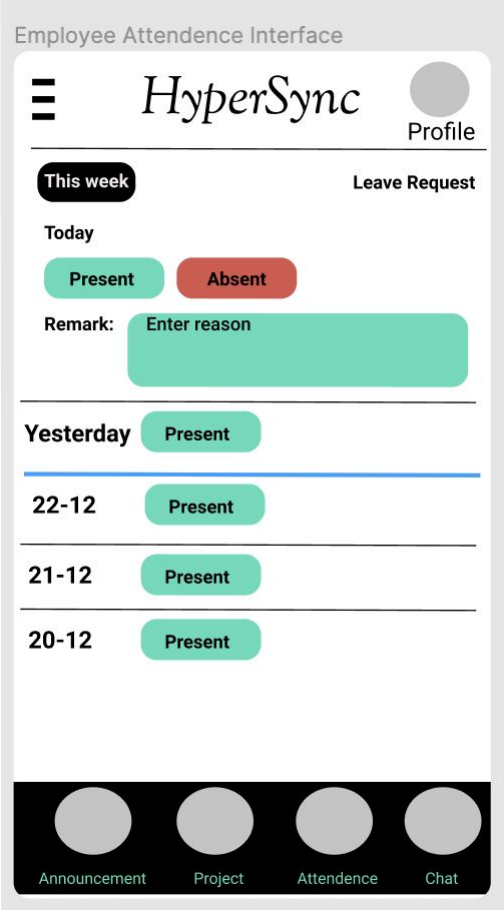
Languages Used

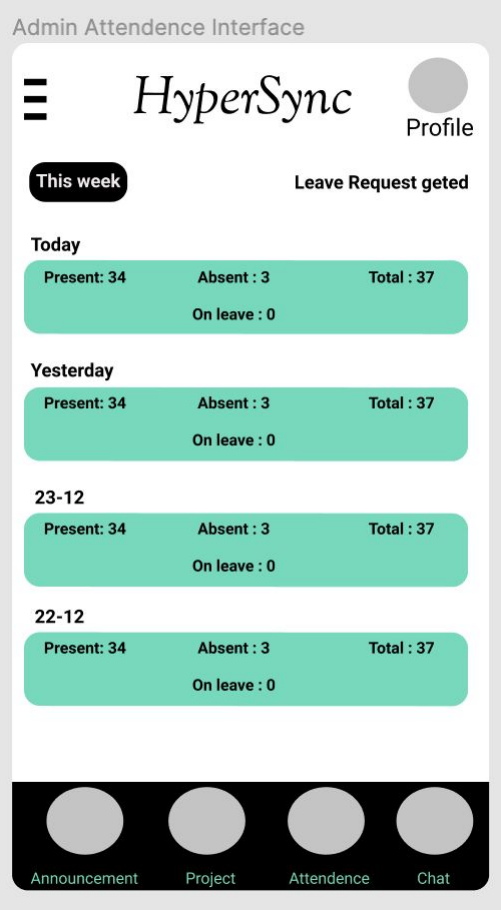
- Programming Language used - JAVA
- Markup Language used - XML

FUTURE IMPROVEMENTS

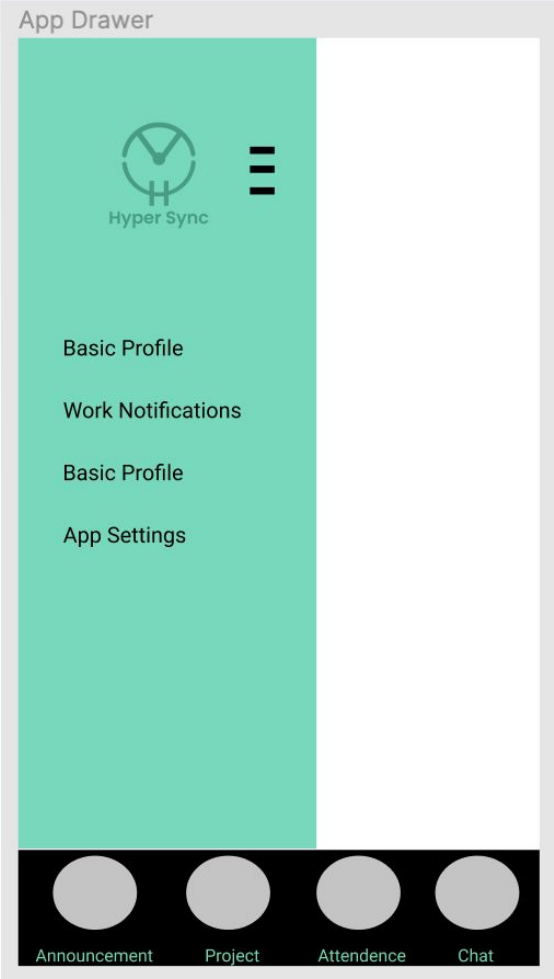
- Project section is still having issues which need to be solved.
- Employee and admin interface are same in some faces.
- Chat section is having some serious issues and bugs.
- App size need to be reduced so that it can work smoothly on low-end devices.
- OTP needs to be implemented.

- Attendance need to be completed.





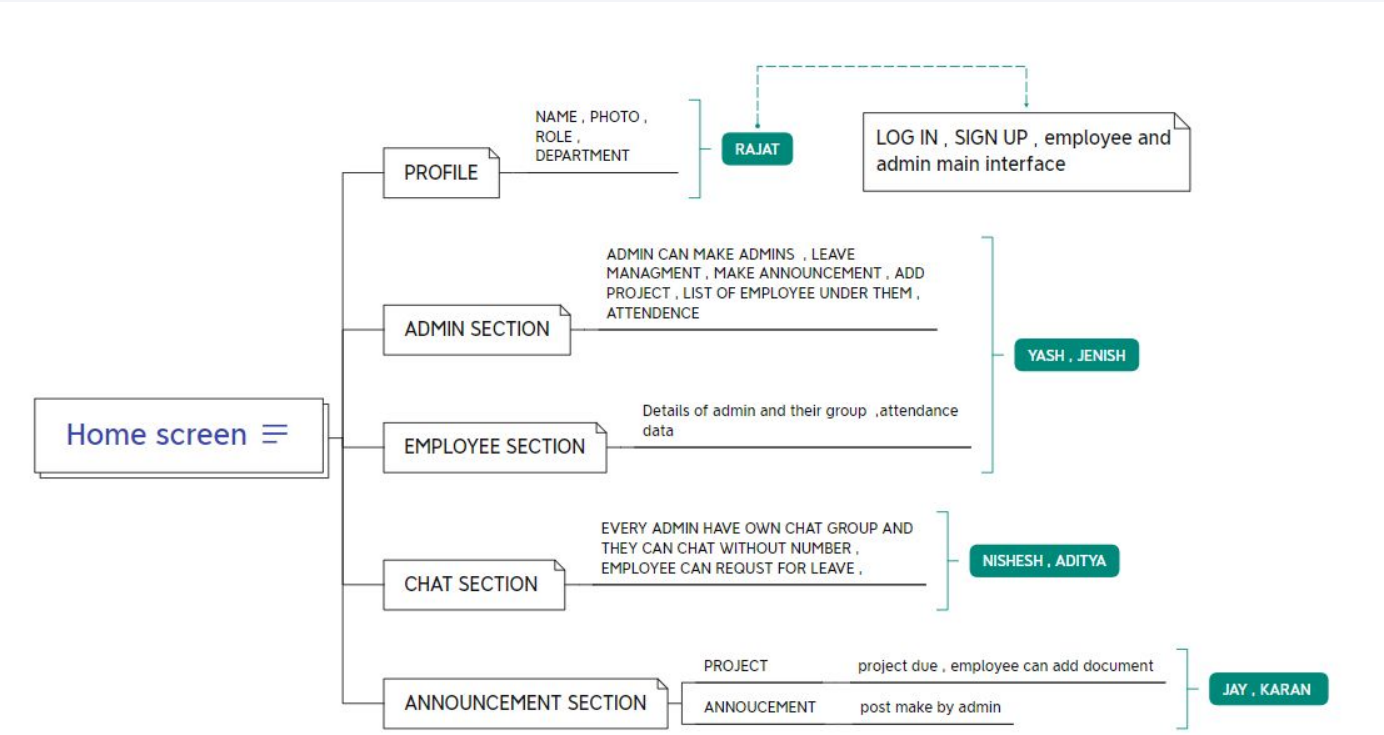
- App Drawer is still not done as per the initial plan.



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!