

Efficiency And Project Management System App

Main Project Report

Submitted by

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Submitted in partial fulfillment of the requirements for the award of the degree of

Master of Computer Applications

of

APJ Abdul Kalam Technological University



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY - 683577, ERNAKULAM (DIST.)

MAY 2020

DECLARATION

I hereby declare that the report of this project work, submitted to the Department of Computer Applications, Federal Institute of Science and Technology (FISAT), Angamaly in partial fulfillment of the award of the degree of Master of Computer Applications is an authentic record of my original work.

The report has not been submitted for the award of any degree of this university or any other university.

Date :

Place:

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30th April, 2020

PROJECT CERTIFICATE

This is to certify that **Mr. Ali Akbar P A** student of Federal Institute of Science & Technology (FISAT), Angamaly undergoing Master of Computer Applications undertook a remote internship on the project "**Efficiency & Project Management System App**" at **2Hats Logic Solutions Pvt. Ltd**, Kochi from 2nd January, 2020 till 30th April 2020. His performance on the project during this period was "Excellent".

A handwritten signature in black ink, appearing to read "Aneesh Sreedharan".



Aneesh Sreedharan

Director

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CERTIFICATE

*This is to certify that the project report titled “**Efficiency And Project Management System App**” submitted by Ali Akbar P A (Reg No. LFIT17MCA048) towards partial fulfillment of the requirements for the award of the degree of Master of Computer Applications is a record of bonafide work carried out by him during the year 2020.*

Project Guide

Head of the Department

Submitted for the viva-voice held on at

Examiners :

ACKNOWLEDGEMENT

I am extremely glad to present my main project as a part of our curriculum. I take this opportunity to express my sincere thanks to those who helped me in bringing out the report of my project.

I am deeply grateful to **Dr. George Issac**, Principal, FISAT, Angamaly for his help and suggestions throughout the project and I express my sincere thanks to **Dr. C. Sheela**, Vice Principal FISAT, Angamaly.

My sincere thanks to **Mr. Santhosh Kottam**, Head of the department of MCA, FISAT, who had been a source of inspiration. I express heartiest thanks to **Ms. Shidha M V**, Project Scrum Master for her encouragement and valuable suggestion. I express my sincere gratitude to **Dr. Rakhi Venugopal**, my project guide for her valuable support. I express heartiest thanks to **Mr. Aneesh Sreedharan**, My project guide in 2Hats Logic Solutions. I express my heartiest gratitude to all the faculty members in our department for their constant encouragement and never ending support throughout the project.

Finally I express my thanks to all my friends who gave me wealth of suggestion for successful completion of this project.

Ali Akbar P A

ABSTRACT

Efficiency and Project Management System is a Hybrid Mobile Application which is developed in Flutter. The purpose of this application is to manage the employee in a firm. The Admin can view the reports, statuses of the project, View employees details, Client details, Add Projects, Add Task in the Projects and Assign Tasks to Employees. Projects Managers will use this for time entry, viewing reports and other statuses of projects. They can also view and Add Projects, Add Task in the Projects and Assign Tasks to Employees. Employees will use this for time entry and viewing task assigned to them.

Admin, Project Manager and employees are the different users of this mobile Application. Each user type has different privileges. Admin has the overall control. Project manager can also create new task for each project and allocate it to different employees. The employees can see the tasks assigned for them. System monitors the efficiency of an employee based on overdue tasks.

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Chapter 1

Introduction

1.1 Introduction

A proper system was required in the company in-order to track the efficiency of the employees and managing the projects. The purpose of this project is to build a Mobile application with a modern UI and UX which can be used for efficiency reporting, employee engagement assessment etc.

The project have different Users with different privileges. Admin has the overall control over the system and he manages the employees as well as clients. He has the privilege to allocate employees to project. When the admin gets a project, he can allocate that project to the project manager. Project manager can also create new task for each project and allocate it to different employees. But he won't have the privilege to see the clients. The employees can see the tasks assigned, the ongoing tasks and the

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pending tasks. The employees can enter the time taken for each tasks. System monitors the efficiency of an employee based on overdue tasks.

Major features of the applications are:

- To manage clients and employees
- To manage Projects under clients and assign it to the project heads.
- To monitor employee productivity based on overdue task
- To generate reports based on projects

Chapter 2

Proof of Concept

2.1 Organization profile

2Hats Logic Solutions was founded in 2012 as a web agency by two technology enthusiasts who decided to come back to India after living and working in Europe and Canada for few years. 2Hats Logic Solutions is incorporated as a Private Limited in 2018 stepping up from a partnership firm. 2Hats Logic Solutions Private Limited is an Enterprise software products and service provider incorporated on October 2018. The company is based in Kochi, Kerala India and is focused on its flagship product IT Asset Management Tool (AM Tool) that helps companies manage their IT/tech assets with ease and reduce the spending on its tracking and maintenance.

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Mission:

The company is set out on a mission to streamline the processes, management of assets and resources in multi-located enterprises with modern, intuitive software products that bring user experience to the next level.

2.2 Existing System

Currently there is no specific system developed by the company for managing client, employee and project. The company uses an open source software name HR.my for managing employees. Client and project details are stored in applications like Jira, Basecamp, BugHerd and Pivotal Tracker based on the project and client requirement. Project details and credentials are being shared in google docs or sheets by the client.

2.3 Proposed system

The system is a Mobile-based application which can be used for efficiency reporting, employee engagement assessment etc. Admin has the overall control over the system. Admin can add project. Admin can view the projects and he can manage the duties under that project. He can update the project details and assign it to project managers. He can also add files and credentials associated to project, view the status of each project and can view the progress.

A visualization of details regarding the overdue projects, tasks, employee's current status like idle, upskilling or productive and a pie chart showing the percentage of idle, upskilling and productive employees of the company will be provided in the

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dashboard.

When a project comes, the admin will allocate it to the project manager. He has the privilege to edit and delete the projects. He can add, edit, view and delete employees. System can generate various reports such as task report, project report. System monitors the efficiency of an employee based on overdue task.

2.4 Objectives

The purpose of this application is to develop a mobile application for the employee efficiency management solution developed by 2Hats Logic. This app will also be used by employees for time entry and to view project details. Projects Managers will use this for time entry and viewing reports and other statuses of projects. Admins will use this for viewing reports and other statuses of projects.

Chapter 3

Implementation

3.1 Implementation

In this project, Flutter is used to develop the Mobile application. PHP Laravel is used for Server side language. Mysql is the Database. JWT Token is used for the Authentication.

- Flutter

Flutter is an open-source UI software development kit created by Google. It is used to develop applications for Android, iOS, Windows, Mac, Linux, Google Fuchsia and the web. The first version of Flutter was known as codename "Sky" and ran on the Android operating system. It was unveiled at the 2015 Dart developer summit, with the stated intent of being able to render consistently at 120 frames per second. During the keynote of Google Developer Days in Shanghai, Google announced Flutter

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Release Preview 2 which is the last big release before Flutter 1.0. On December 4, 2018, Flutter 1.0 was released at the Flutter Live event, denoting the first "stable" version of the Framework. On December 11, 2019, Flutter 1.12 was released at the Flutter Interactive event.

- **Laravel**

Laravel is a free, open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications following the model–view–controller (MVC) architectural pattern and based on Symfony. Some of the features of Laravel are a modular packaging system with a dedicated dependency manager, different ways for accessing relational databases, utilities that aid in application deployment and maintenance, and its orientation toward syntactic sugar.

- **Mysql**

MySQL is an open-source relational database management system (RDBMS).

- **JWT**

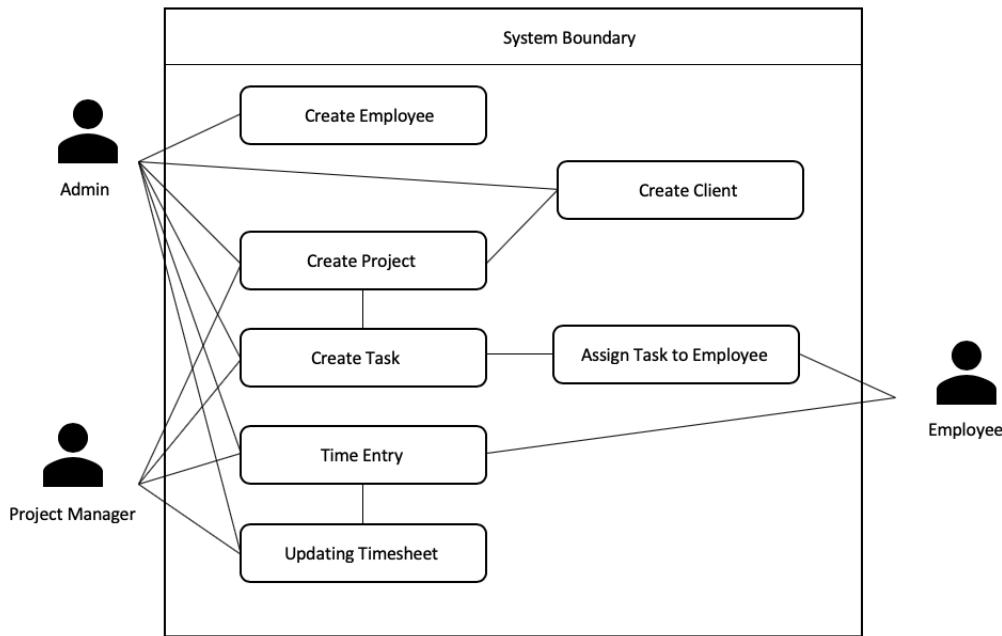
JSON Web Token (JWT) is an open standard (RFC 7519) that defines a compact and self-contained way for securely transmitting information between parties as a JSON object. This information can be verified and trusted because it is digitally signed. JWTs can be signed using a secret (with the HMAC algorithm) or a public/private key pair using RSA or ECDSA.

JSON Web Tokens are signed either using a private secret or a public/private key. For example, a server could generate a token that has the claim "logged in as admin"

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and provide that to a client. The client could then use that token to prove that it is logged in as admin. The tokens can be signed by one party's private key (usually the server's) so that party can subsequently verify the token is legitimate. If the other party, by some suitable and trustworthy means, is in possession of the corresponding public key, they too are able to verify the token's legitimacy. The tokens are designed to be compact, URL-safe, and usable especially in a web-browser single-sign-on (SSO) context. JWT claims can typically be used to pass identity of authenticated users between an identity provider and a service provider, or any other type of claims as required by business processes.

3.2 Architecture



Admin create Employees and Client. Admin and Project Managers can create project and create task under that project and assign it to employee. Admin, Project Managers and Employee can enter time spend for particular task. From this time entry , Timesheet will update accordingly.

3.3 Issues Faced And Remedies

The stable version of flutter was released on December 2019 and hence, there were many challenges that has to be solved by myself such as lack of proper technical support, unavailability of general purpose plugins, difficulty to find resources etc. Due to lack of general purpose plugins, i had to build many things from scratch.some packages don't have proper documentations which made it difficult to understand their proper way of usage.

3.4 Modules

3.4.1 Administration

3.4.1.1 User Management Module

This module deals with the management of users. Details of users can be viewed.

3.4.1.2 Client Management Module

This module deals with the management of clients. A list of projects the client owns can be seen. Search options are enabled for the client name.

3.4.1.3 Project Management Module

This module deals with the management of projects that the company works on. Functionalities like adding a new project, allocates project to project managers, viewing the project details and updating the project. In the project details page percentage of overall status can be viewed. There is an option to add project managers under a project. List of tasks can be viewed in the details page. It also shows the list of pending and overdue tasks that comes under the project. There is an option to manage files and credentials associated with the project.

3.4.1.4 Timesheet Management

The time spend on each task done by the users can be analysed by viewing the time sheet of each user. The time sheet is available On Client Based, Employee Based and Project Based.

3.4.1.5 Efficiency Management

This module deals with the management of efficiency of users. In this module the efficiency of the employee is analyzed by keeping track of the amount of time taken for a task to complete. Admin can monitor the productive, idle and upskilling employees from the dashboard itself. He can see in which task the employees are currently working and their time spent. He can also see overdue tasks and projects of the employee. By analyzing the severity task rejections of employees, admin can evaluate the efficiency, which in turn helps the admin to give salary increments if he is efficient enough and can terminate if he has poor performance.

3.4.2 Project Managers

3.4.2.1 Project Management Module

This module deals with the management of projects that the company works on. Functionalities like adding a new project, viewing the project details and updating the project. In the project details page percentage of overall status can be viewed. List of tasks can be viewed in the details page. It also shows the list of pending and overdue tasks that comes under the project. There is an option to manage files and credentials associated with the project.

3.4.2.2 Time Sheet Management

The time spend on each task done by the Employee can be analysed by viewing the time sheet of each Employee. The time sheet is available On Client Based, Employee Based and Project Based.

3.4.2.3 Efficiency Management

This module deals with the management of efficiency of Employee. In this module the efficiency of the employee is analyzed by keeping track of the amount of time taken for a task to complete. Project Managers can monitor the productive, idle and upskilling employees from the dashboard itself. He can see in which task the employees are currently working and their time spent. He can also see overdue tasks and projects of the employee.

3.4.2.4 Time Entry

For entering the time spend on each tasks assigned to the employee,he can add time spend on each tasks individually.

3.4.3 Employee Processing Module

3.4.3.1 Task

This section shows the task assigned and its details for particular employee and also displays pending, overdue and upcoming tasks.

3.4.3.2 Time Entry

For entering the time spend on each tasks assigned to the employee, he can add time spend on each tasks individually.

Chapter 4

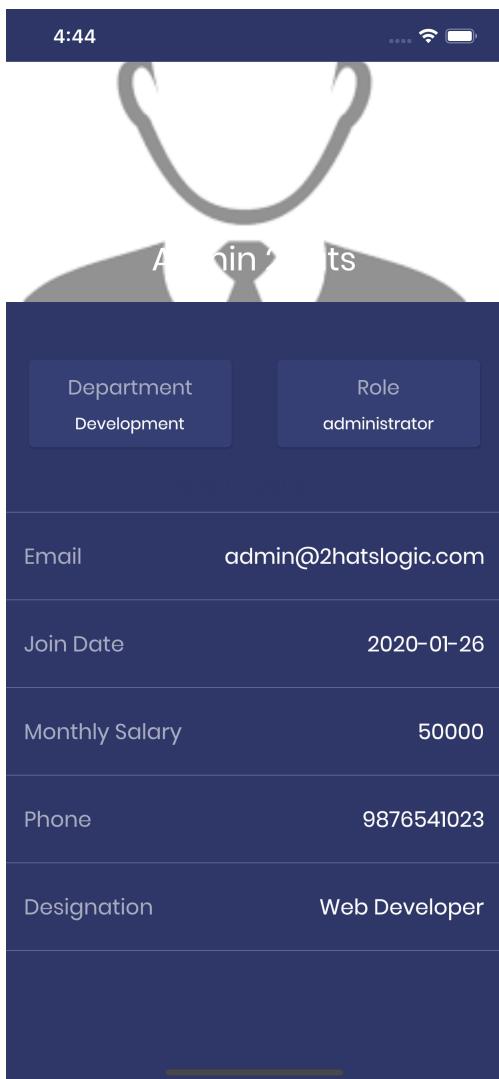
Result Analysis

4.1 Result Analysis

It has been worked well and the output has been obtained for each module.

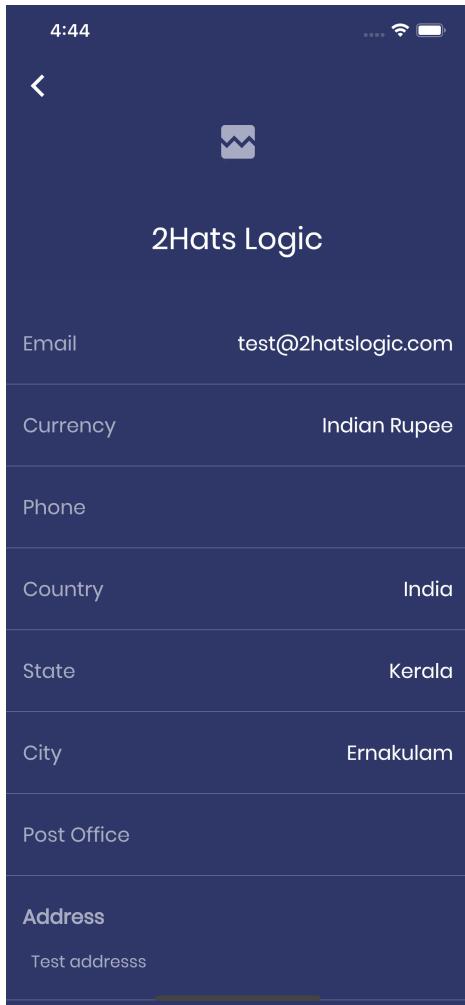
The Screenshots of the obtain results are shown below

4.1.1 Employees Details



Screenshot of Employee Details Screen

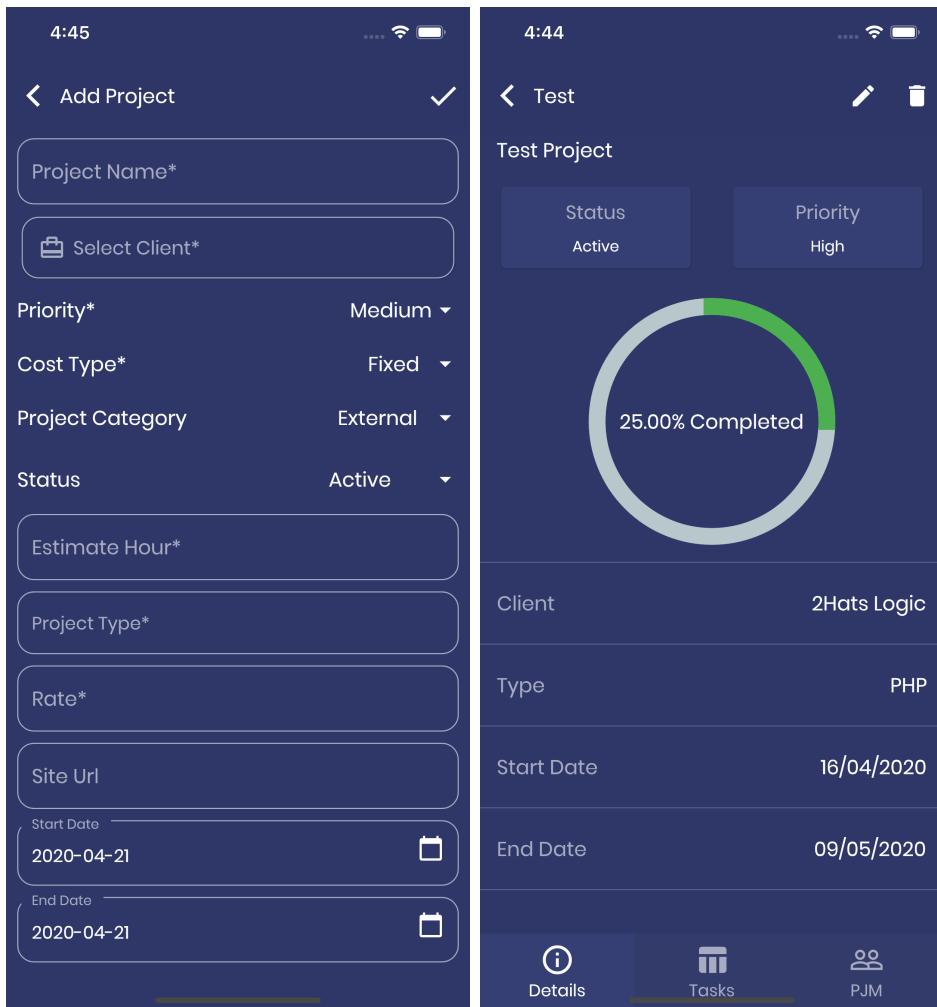
4.1.2 Client Details



Screenshot of Clients Details Screen

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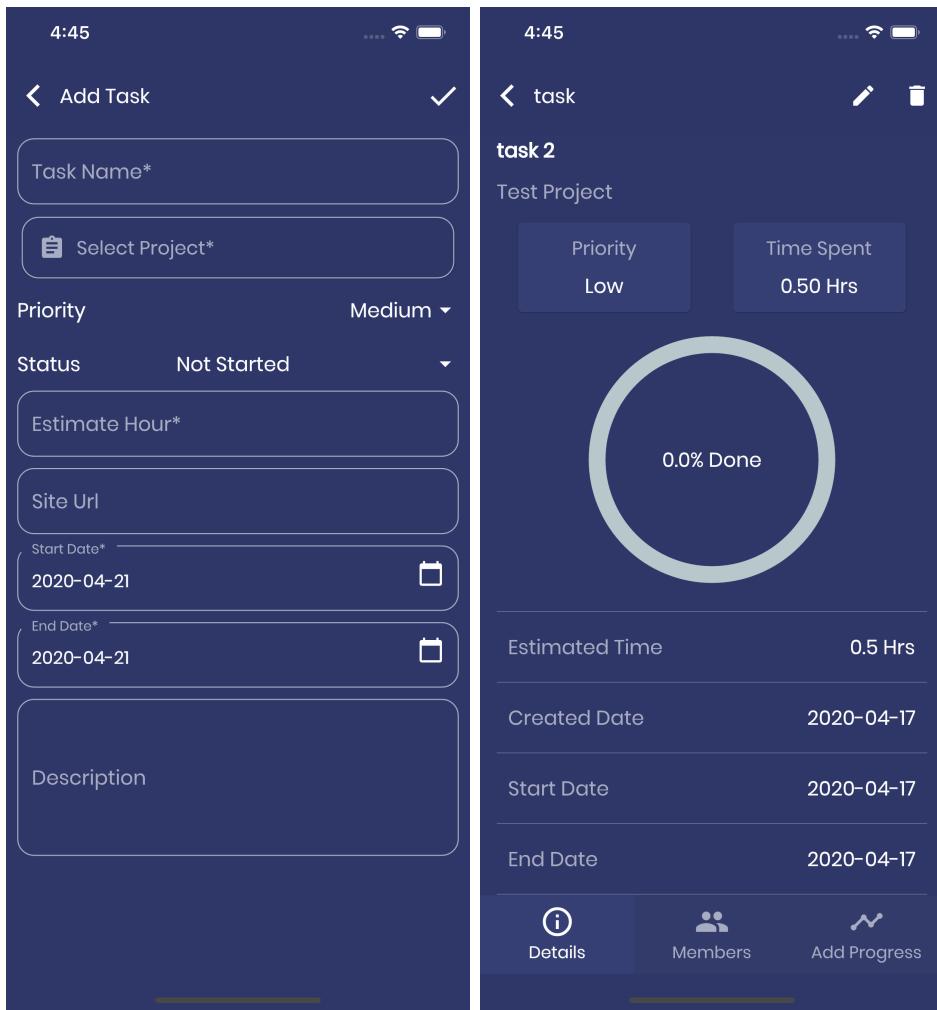
4.1.3 Add Project & Projects Details



Screenshot of Add Project and Project Details Screen

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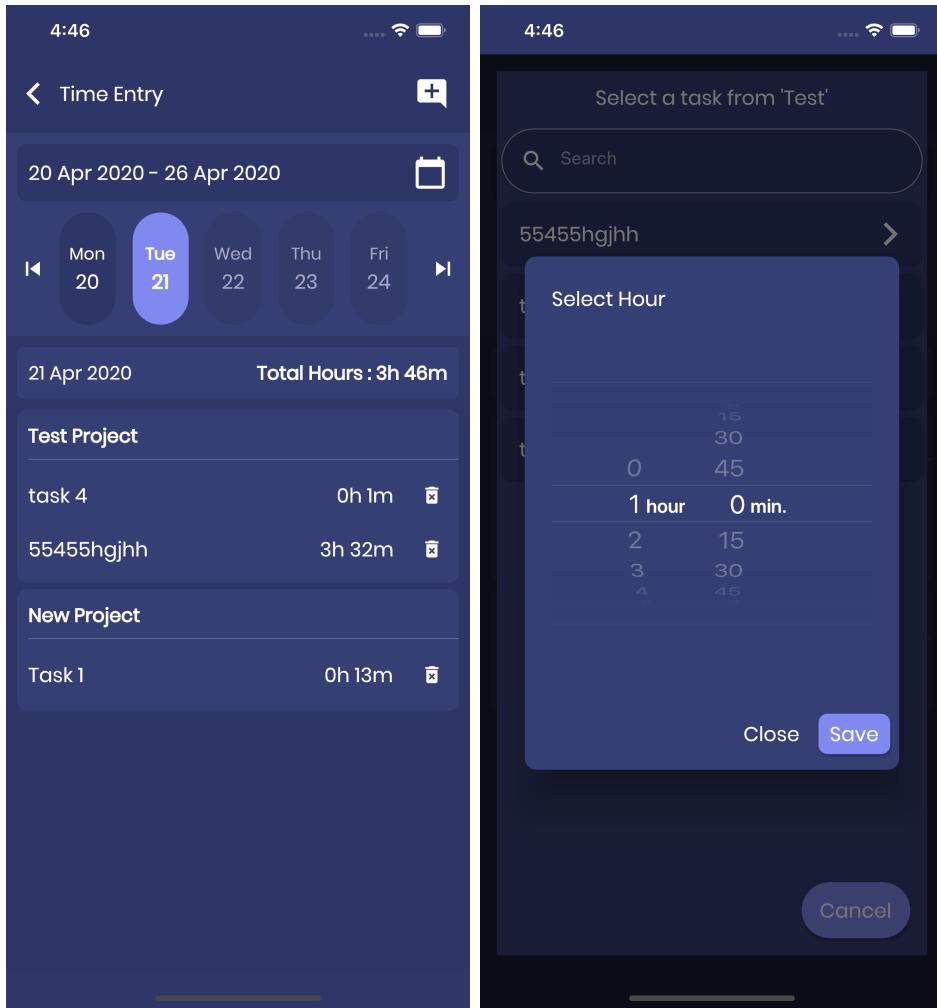
4.1.4 Add Task & Task Details



Screenshot of Add Task and Task Details Screen

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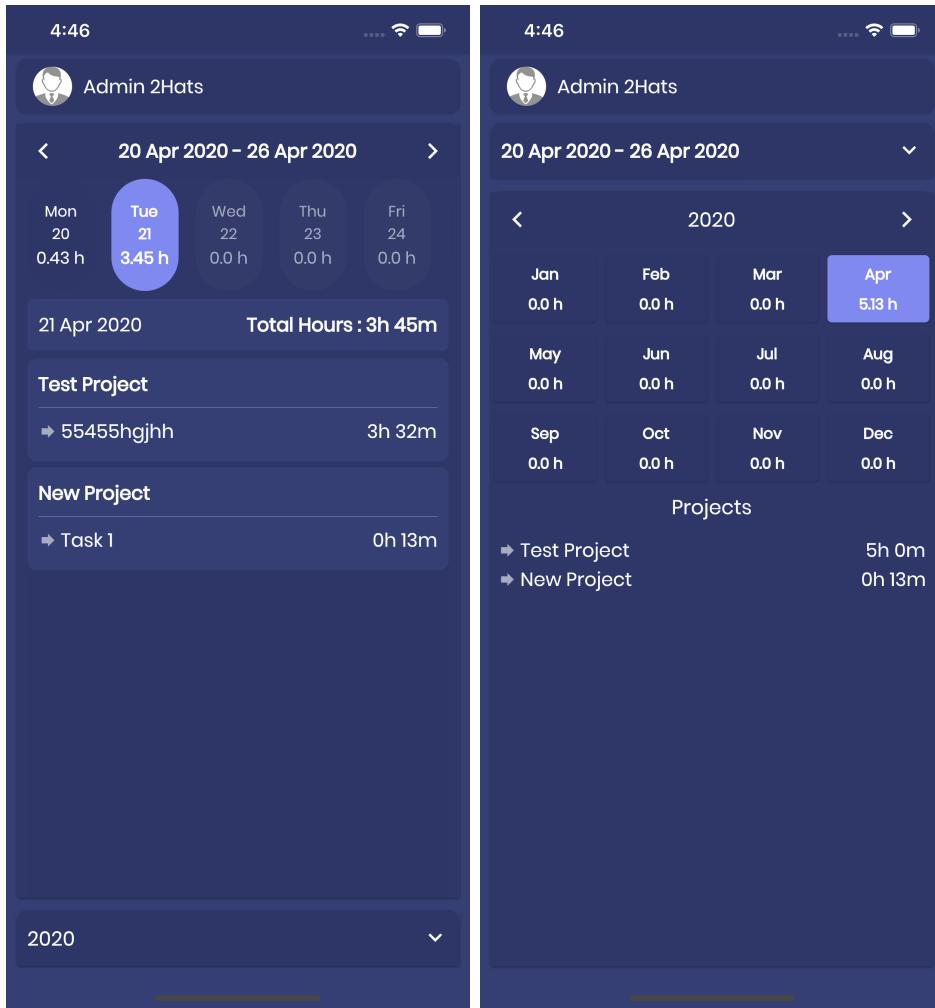
4.1.5 Time Entry for user



Screenshot of Time entry for user screen

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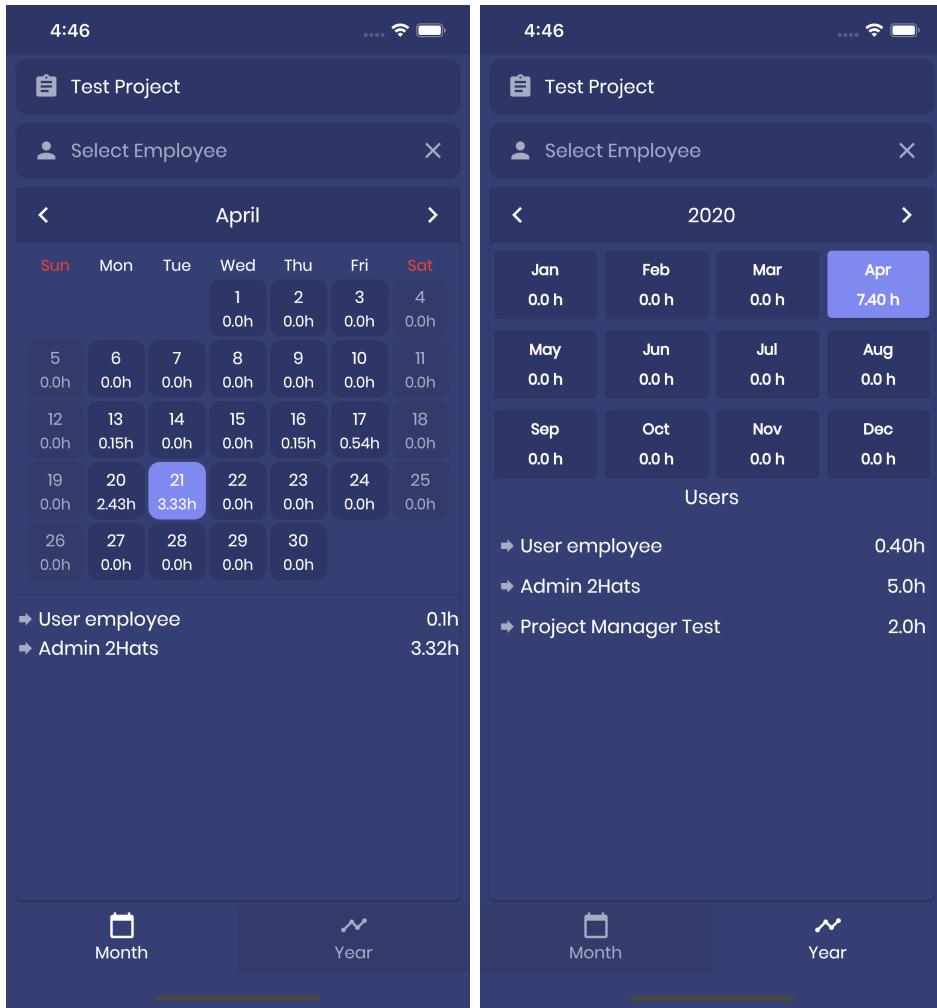
4.1.6 Timesheet of Employee



Screenshot of Timesheet for Employee including day view, month view

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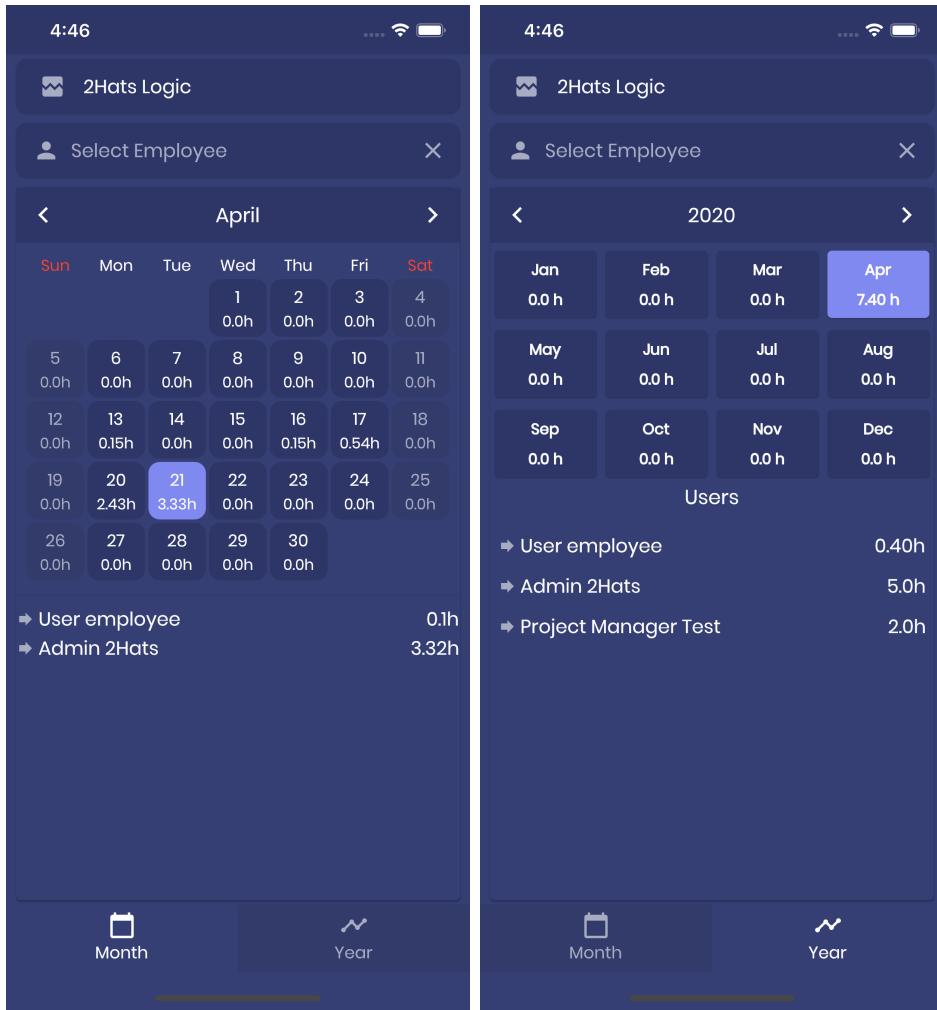
4.1.7 Timesheet of Project



Screenshot of Timesheet for Project including day view, month view

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4.1.8 Timesheet of Client



Screenshot of Timesheet for Client including day view, month view

Chapter 5

Conclusion and Future Scope

5.1 Conclusion

Efficiency And Project Management System App is a Mobile-based application that has been developed in order to form whole management system. There were no centralized system and the company had to depend on multiple applications for various purposes. Analysis and observations were made to collect details regarding the existing system. The proposed system provides various functionalities to cope up with this situation. At present, there are interfaces for managing , projects, users, report, for evaluating employee efficiency. The main objective of the project is to find the efficiency and productivity of employee. This is achieved by finding the idle, productive and up skilled employees, their time taken for completing tasks, severity of task rejections, overdue tasks., their working hours. And the system gives required

reports based on the hours worked on projects and clients.

5.2 Future Scope

I can integrate leave management system in the App, so that the employee can apply their leaves from the app. There is also a plan to integrate the punch-in and out details with the system so that employee's total time spent inside the organization can be tracked properly.

Chapter 6

Appendix

6.1 Source Code

6.1.0.1 admin_home.dart

```
1 import 'package:cached_network_image/cached_network_image.dart';
2 import 'package:epms_app/main.dart';
3 import 'package:epms_app/pages/admin/employee/employee_home.dart';
4
5 import 'package:epms_app/pages/admin/client/client_home.dart';
6
7 import '../../employee/time_entry/timesheet.dart';
8
9 class AdminHome extends StatefulWidget {
10   static const String myRoute = '/admin_home';
11   @override
12   State<StatefulWidget> createState() {
```

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```
13     return _Home();
14 }
15 }
16
17 class _Home extends State<AdminHome> {
18     final GlobalKey<ScaffoldState> _scaffoldKey = new GlobalKey<
19         ScaffoldState>();
20     static var _userInfo = new Map();
21     @override
22     void initState() {
23         super.initState();
24         _userInfo[ 'image_path' ] = '';
25         _userInfo[ 'name' ] = '';
26         _userInfo[ 'designation' ] = '';
27         _setUpUserInfo();
28         setUpStatusBarColor( backgroundColor: AppTheme.secondaryColor );
29     }
30
31     _setUpUserInfo() async {
32         _userInfo = await getUserInfo();
33         setState(() { });
34         ListTile(
35             leading: Icon(
36                 Icons.people,
37                 color: AppTheme.secondaryFontColor,
38             ),
39             title: createNormalText( 'Employee' ,
```

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```
39             color: AppTheme.primaryFontColor) ,  
40             onTap: () {  
41                 Navigator.pushNamed(context, AdminEmployeeHome.  
42                     myRoute);  
43             } ,  
44             Divider(  
45                 color: AppTheme.secondaryFontColor ,  
46             ) ,  
47             ListTile(  
48                 leading: Icon(  
49                     Icons.person_pin ,  
50                     color: AppTheme.secondaryFontColor ,  
51                 ) ,  
52                 title: createNormalText('Client' ,  
53                     color: AppTheme.primaryFontColor) ,  
54                 onTap: () {  
55                     Navigator.pushNamed(context, ClientHome.myRoute);  
56                 } ,  
57             ) ,  
58             Divider(  
59                 color: AppTheme.secondaryFontColor ,  
60             ) ,  
61             ListTile(  
62                 leading: Icon(  
63                     Icons.receipt ,  
64                     color: AppTheme.secondaryFontColor ,
```

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```
65      ) ,
66      title: createNormalText( 'Project' ,
67          color: AppTheme.primaryFontColor) ,
68      onTap: () {
69          Navigator.pushNamed(context , AdminProjectHome.
70          myRoute);
71      } ,
72      ) ,
73      Divider(
74          color: AppTheme.secondaryFontColor ,
75      ) ,
76      ListTile(
77          leading: Icon(
78              Icons.question_answer ,
79              color: AppTheme.secondaryFontColor ,
80          ) ,
81          title: createNormalText('Task' ,
82              color: AppTheme.primaryFontColor) ,
83          onTap: () {
84              Navigator.pushNamed(context , AdminTask.myRoute);
85          } ,
86          ) ,
87          Divider(
88              color: AppTheme.secondaryFontColor ,
89          ) ,
90          ListTile(
```

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```
91         Icons.access_alarms ,  
92         color: AppTheme.secondaryFontColor ,  
93     ) ,  
94     title: createNormalText( 'My Time Entry' ,  
95         color: AppTheme.primaryFontColor ) ,  
96     onTap: () {  
97         Navigator.pushNamed( context , EmployeeTimeEntry .  
98             myRoute ) ;  
99     } ,  
100    ) ,  
101    Divider (   
102        color: AppTheme.secondaryFontColor ,  
103    ) ,  
104    ListTile (   
105        leading: Icon (   
106            Icons.timeline ,  
107            color: AppTheme.secondaryFontColor ,  
108        ) ,  
109        title: createNormalText( 'Timesheet' ,  
110            color: AppTheme.primaryFontColor ) ,  
111        onTap: () async {  
112            setState( () {  
113                timeSheetAnimatedHeight =  
114                timeSheetAnimatedHeight > 0 ? 0 : 168;  
115            } );  
116        }
```

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```
117         await Future.delayed(Duration(milliseconds: 300));  
118  
119         _scrollController.animateTo(  
120             _scrollController.position.maxScrollExtent,  
121             duration: const Duration(milliseconds: 300),  
122             curve: Curves.easeOut,  
123         );  
124     },  
125 ),  
126  
127     AnimatedContainer(  
128         color: AppTheme.secondaryColor,  
129         duration: const Duration(milliseconds: 100),  
130         height: timeSheetAnimatedHeight,  
131         width: MediaQuery.of(context).size.width,  
132         child: Column(  
133             children: <Widget>[  
134                 ListTile(  
135                     onTap: () {  
136                         Navigator.pushNamed(  
137                             context, AdminEmployeeTimesheet.  
138                         myRoute);  
139                     },  
140                     title: Row(  
141                         children: <Widget>[  
142                             Icon(  
143                                 Icons.panorama_fish_eye,
```

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```
143                     size: 11,
144                     color: AppTheme.secondaryFontColor ,
145                   ) ,
146                   SizedBox(
147                     width: 8,
148                   ) ,
149                   createNormalText( 'Employee' ,
150                     size: AppTheme.fontSizeXS ) ,
151                   ],
152                 )),
153               ListTile(
154                 onTap: () {
155                   Navigator.pushNamed(
156                     context , ProjectTimesheet.myRoute);
157                 },
158                 title: Row(
159                   children: <Widget>[
160                     Icon(
161                       Icons.panorama_fish_eye ,
162                     size: 11,
163                     color: AppTheme.secondaryFontColor ,
164                   ) ,
165                     SizedBox(
166                     width: 8,
167                   ) ,
168                     createNormalText( 'Project' ,
169                     size: AppTheme.fontSizeXS ) ,
```

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```
170 ] ,  
171 )) ,  
172 ListTile(  
173 onTap: () {  
174 Navigator.pushNamed(  
175 context, ClientTimesheet.myRoute);  
176 } ,  
177 title: Row(  
178 children: <Widget>[  
179 Icon(  
180 Icons.panorama_fish_eye ,  
181 size: 11 ,  
182 color: AppTheme.secondaryFontColor ,  
183 ) ,  
184 SizedBox(  
185 width: 8 ,  
186 ) ,  
187 createNormalText('Client' ,  
188 size: AppTheme.fontSizeXS) ,  
189 ] ,  
190 )) ,  
191 ] ,  
192 ) ,  
193 ) ,  
194  
195 // ListTile(  
196 // title: createNormalText('My Timesheet' ,
```

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```
197          //      color: AppTheme.primaryFontColor) ,  
198          //  onTap: () {  
199          //    // Navigator.pushNamed(context, Timesheet.  
200          // myRoute);  
201          //    // } ,  
202          //    // Divider() ,  
203          //  ] ,  
204          // ) ,  
205          // ) ,  
206          Divider(  
207            color: AppTheme.secondaryLightColor ,  
208          ) ,  
209          ListTile(  
210            leading: Icon(Icons.power_settings_new ,  
211              color: AppTheme.secondaryFontColor) ,  
212              title: createNormalText('Log Out' ,  
213                color: AppTheme.secondaryFontColor) ,  
214                onTap: () {  
215                  setToken('0');  
216                  Navigator.of(context).pushNamedAndRemoveUntil(  
217                    LogIn.myRoute, (Route<dynamic> route) => false);  
218                  } ,  
219                  ) ,  
220                  ] ,  
221                  ) ,  
222                  ) ,
```

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```
223     );
224 }
225 }
226
```

Listing 6.1: code

6.1.0.2 project timesheet.dart

```
1 import 'package:cached_network_image/cached_network_image.dart';
2 import 'package:epms_app/main.dart';
3 import 'package:epms_app/pages/admin/timesheet/project/mode/month/month.
4 dart';
5 import 'package:epms_app/pages/admin/timesheet/project/mode/year.dart';
6 class ProjectTimesheet extends StatefulWidget {
7   static double height = 100.0;
8   static const String myRoute = '/project_timesheet';
9   @override
10  State<StatefulWidget> createState() {
11    return _ProjectTimesheet();
12  }
13}
14 class _ProjectTimesheet extends State<ProjectTimesheet> {
15   final GlobalKey<ScaffoldState> _scaffoldKey = new GlobalKey<
16   ScaffoldState>();
17   @override
18   Widget build(BuildContext context) {
19     return Scaffold(
20       key: _scaffoldKey,
21       backgroundColor: AppTheme.secondaryLightColor,
22       body: SafeArea(
23
24         child: InkWell(
25           onTap: () {
```

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```
26             _setUpProjectSelection() ;  
27         } ,  
28         ] ,  
29         ) ,  
30         ) ,  
31         ) ,  
32         ) ,  
33         ) ,  
34  
35     return AdminProjectMonth(  
36         currentEmployee == null ? '' : currentEmployee[ 'id '].toString() ,  
37         currentProject[ 'project_id '].toString() ,  
38         _scaffoldKey);  
39     }  
40 }  
41  
42 }
```

Listing 6.2: code

6.1.0.3 client timesheet.dart

```
1 import 'package:cached_network_image/cached_network_image.dart';
2 import 'package:epms_app/main.dart';
3 import 'package:epms_app/pages/admin/timesheet/client/mode/month/month.
4 import 'package:epms_app/pages/admin/timesheet/client/mode/year.dart';
5 import 'package:epms_app/pages/admin/timesheet/client/select_client.dart
6 import 'package:epms_app/pages/admin/timesheet/select_employee.dart';
7
8 import 'package:epms_app/utility/app_theme.dart';
9 import 'package:epms_app/widget/normal_text.dart';
10 import 'package:flutter/material.dart';

11
12 class ClientTimesheet extends StatefulWidget {
13   static double height = 100.0;
14   static const String myRoute = '/client_timesheet';

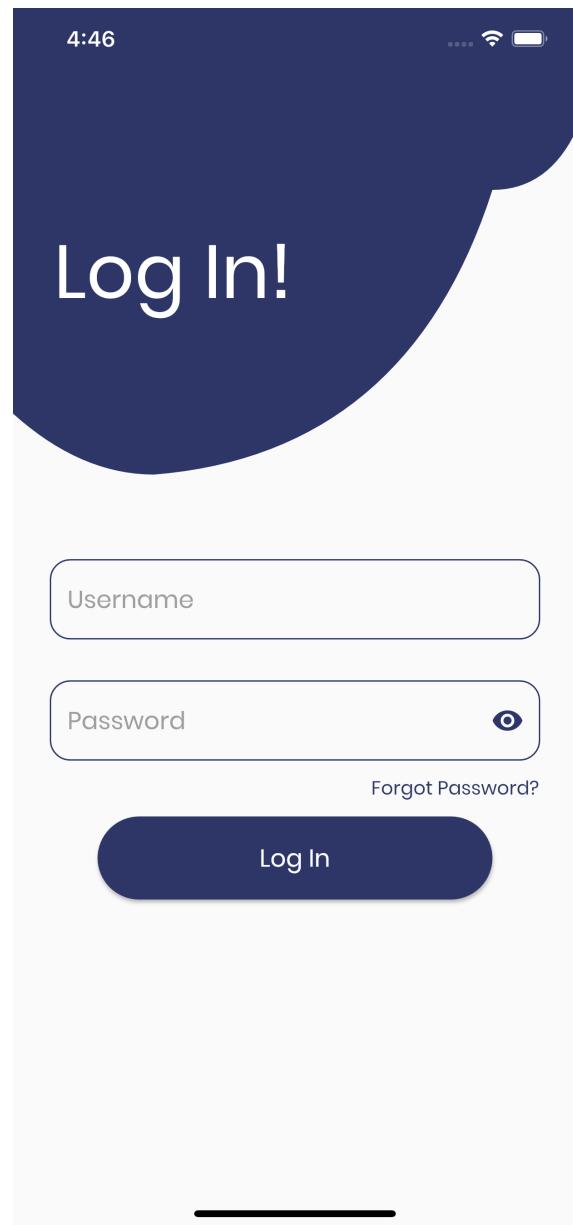
15
16   return Container(
17     height: 57,
18     child: Padding(
19       padding: EdgeInsets.symmetric(horizontal: 5),
20       child: Card(
21         shape: RoundedRectangleBorder(
22           borderRadius: BorderRadius.circular(10.0),
23         ),
24         color: AppTheme.primaryColor,
25         child: InkWell(
```

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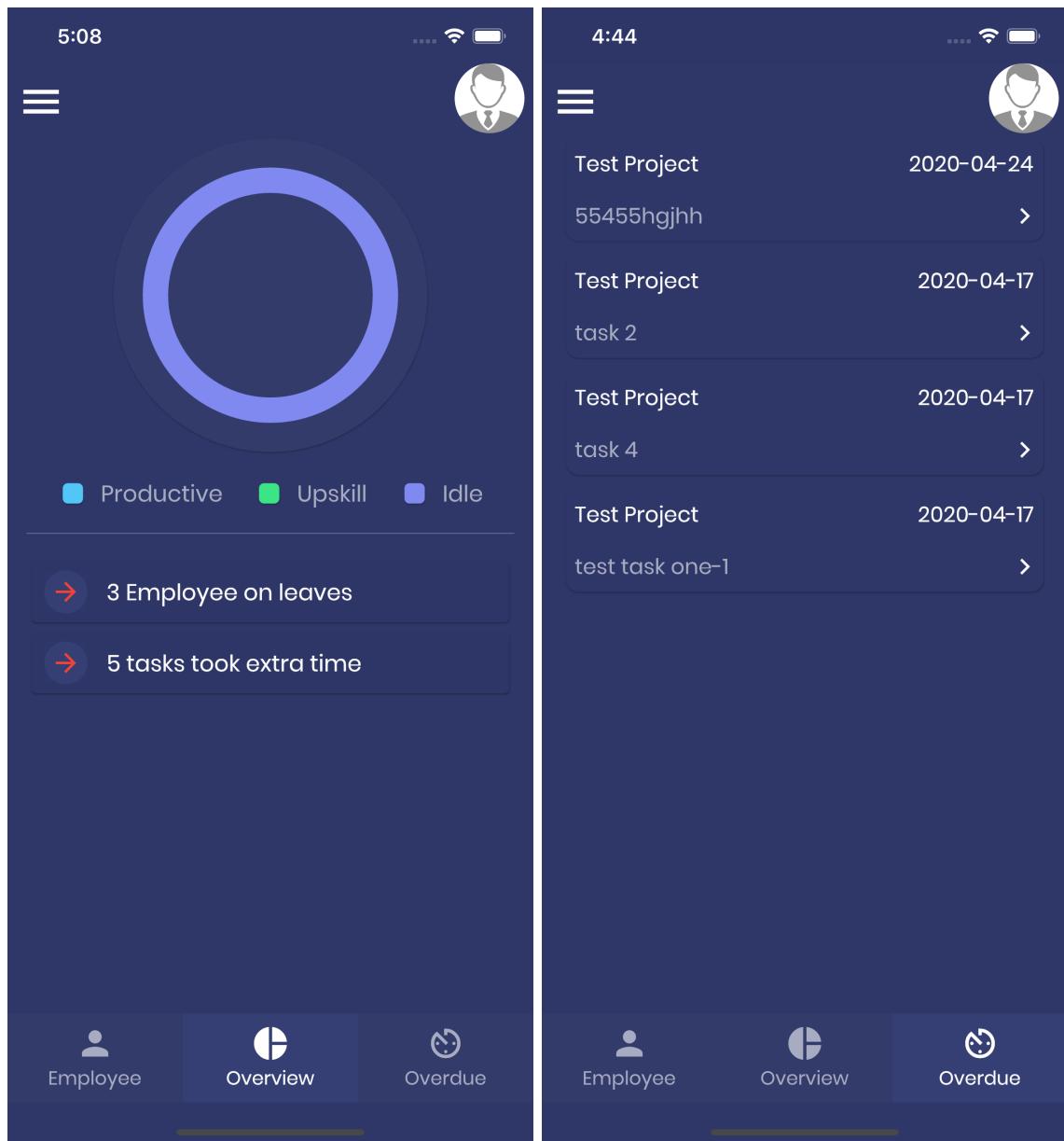
```
26         onTap: () {
27
28             imageUrl: MyApp.imgBaseUrl +
29                 currentEmployee[ 'image_path' ],
30             placeholder: (context, url) =>
31                 CircularProgressIndicator(),
32             errorWidget: (context, url, error) =>
33                 Icon(
34                     Icons.person,
35                     color: AppTheme.secondaryFontColor,
36                 ),
37                 ),
38             SizedBox(
39                 width: 10,
40             ),
41
42             Expanded(
43                 child: Container(
44                     padding: EdgeInsets.symmetric(horizontal: 5),
45                     child: _getCurrentPage(context),
46                 ),
47             )
48
```

Listing 6.3: code

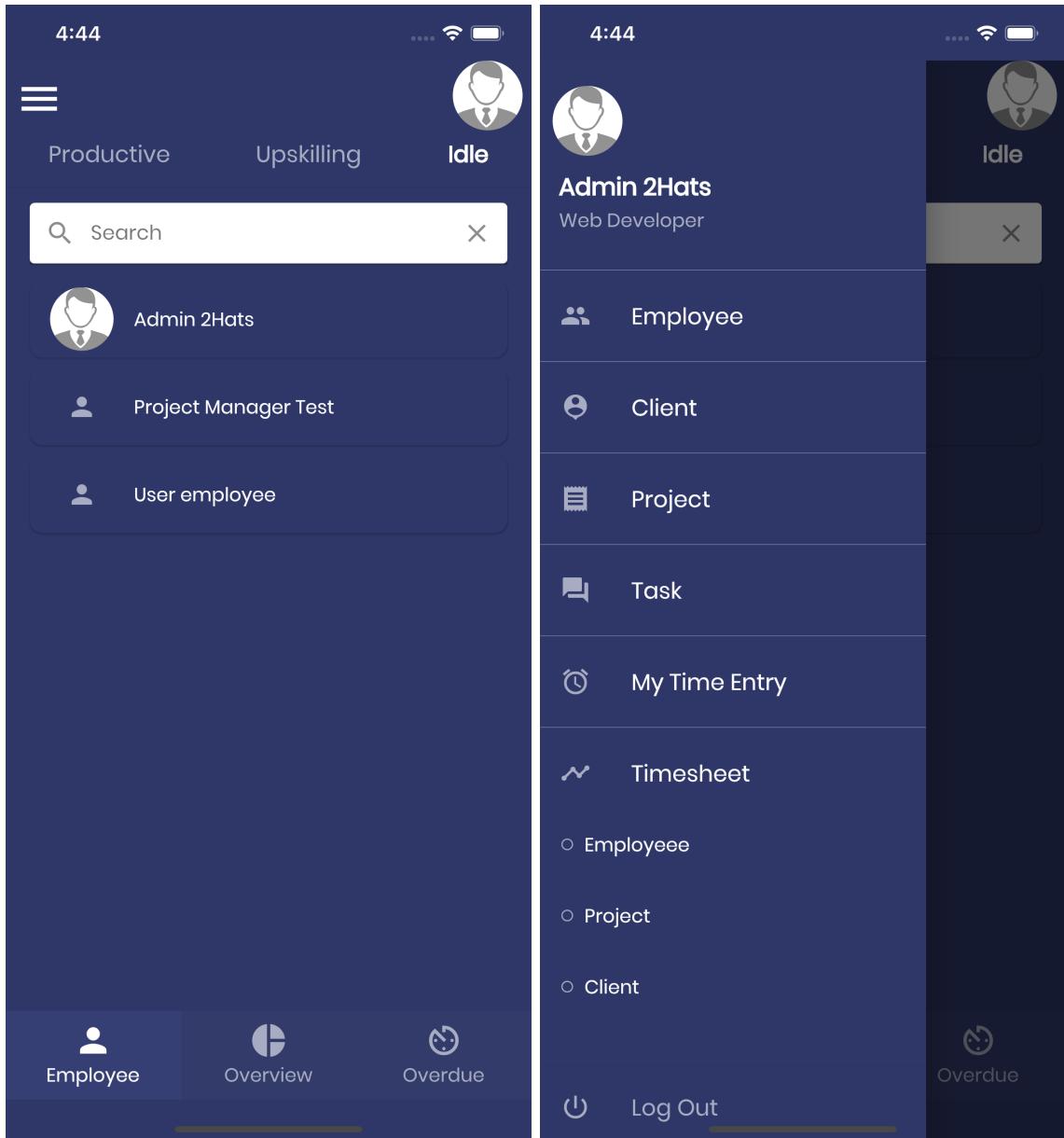
6.2 Screenshot



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The image consists of two side-by-side screenshots of a mobile application interface.

Left Screenshot (Employees List):

- Time: 4:44
- Search bar: Search (with a magnifying glass icon) and a close button (X).
- List of employees:
 - Admin 2Hats** (Web Developer)
 - Project Manager Test** (Project Manager)
 - User employee** (Web Developer)

Right Screenshot (Employee Detail View):

- Time: 4:44
- Large profile picture placeholder for Admin 2Hats.
- Employee Name: Admin 2Hats
- Department: Development
- Role: administrator
- Information cards:
 - Email: admin@2hatslogic.com
 - Join Date: 2020-01-26
 - Monthly Salary: 50000
 - Phone: 9876541023
 - Designation: Web Developer

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4:44

Client

Search

2Hats Logic
India

Test Client
Ukraine

4:45

Add Project

Project Name*

Select Client*

Priority* Medium

Cost Type* Fixed

Project Category External

Status Active

Estimate Hour*

Project Type*

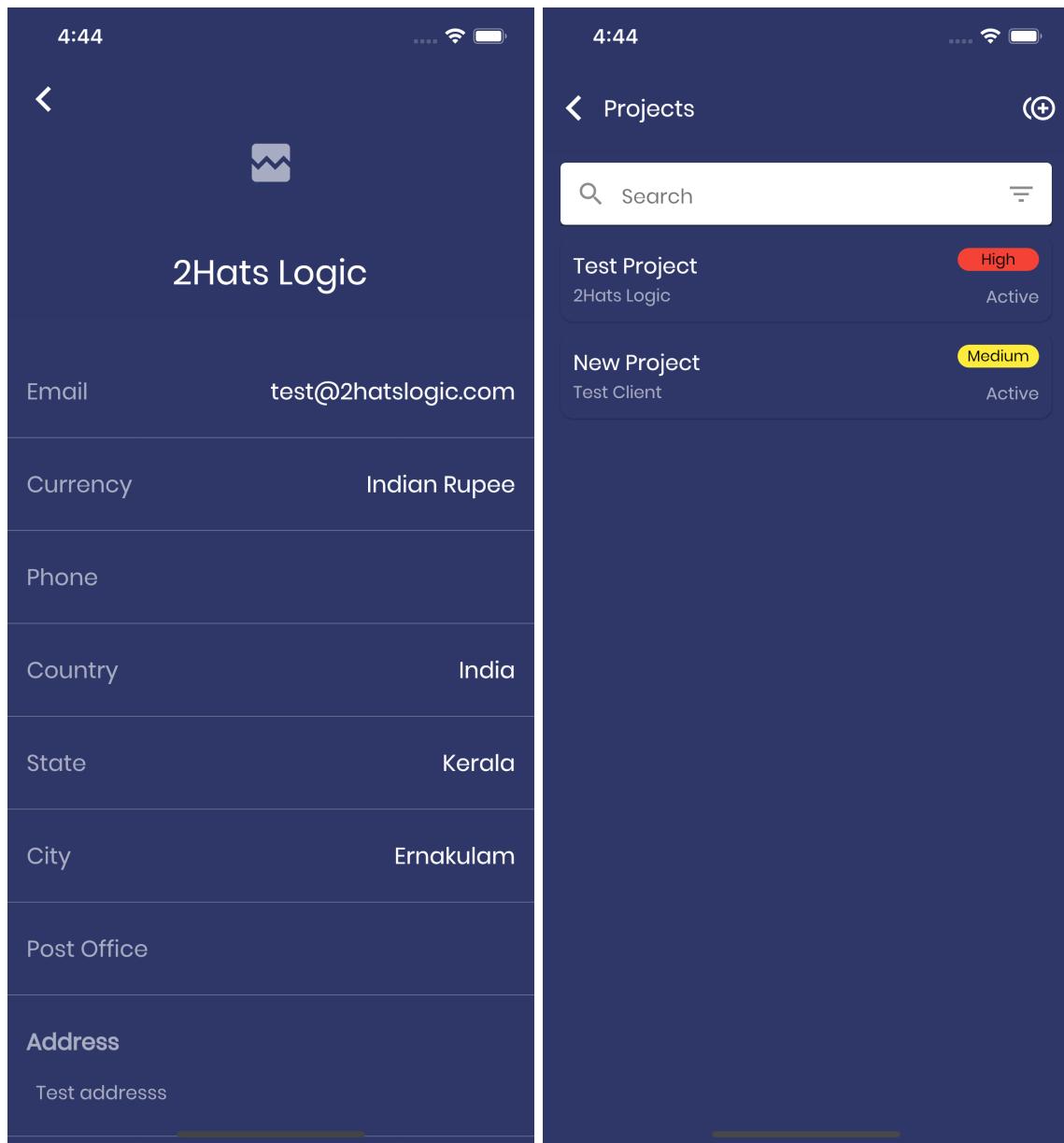
Rate*

Site Url

Start Date 2020-04-21

End Date 2020-04-21

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Add Task

- Task Name*
- Select Project*
- Priority: Medium
- Status: Not Started
- Estimate Hour*
- Site Url
- Start Date*: 2020-04-21
- End Date*: 2020-04-21
- Description

Test

Test Project

Status	Priority
Active	High

25.00% Completed

Client: 2Hats Logic

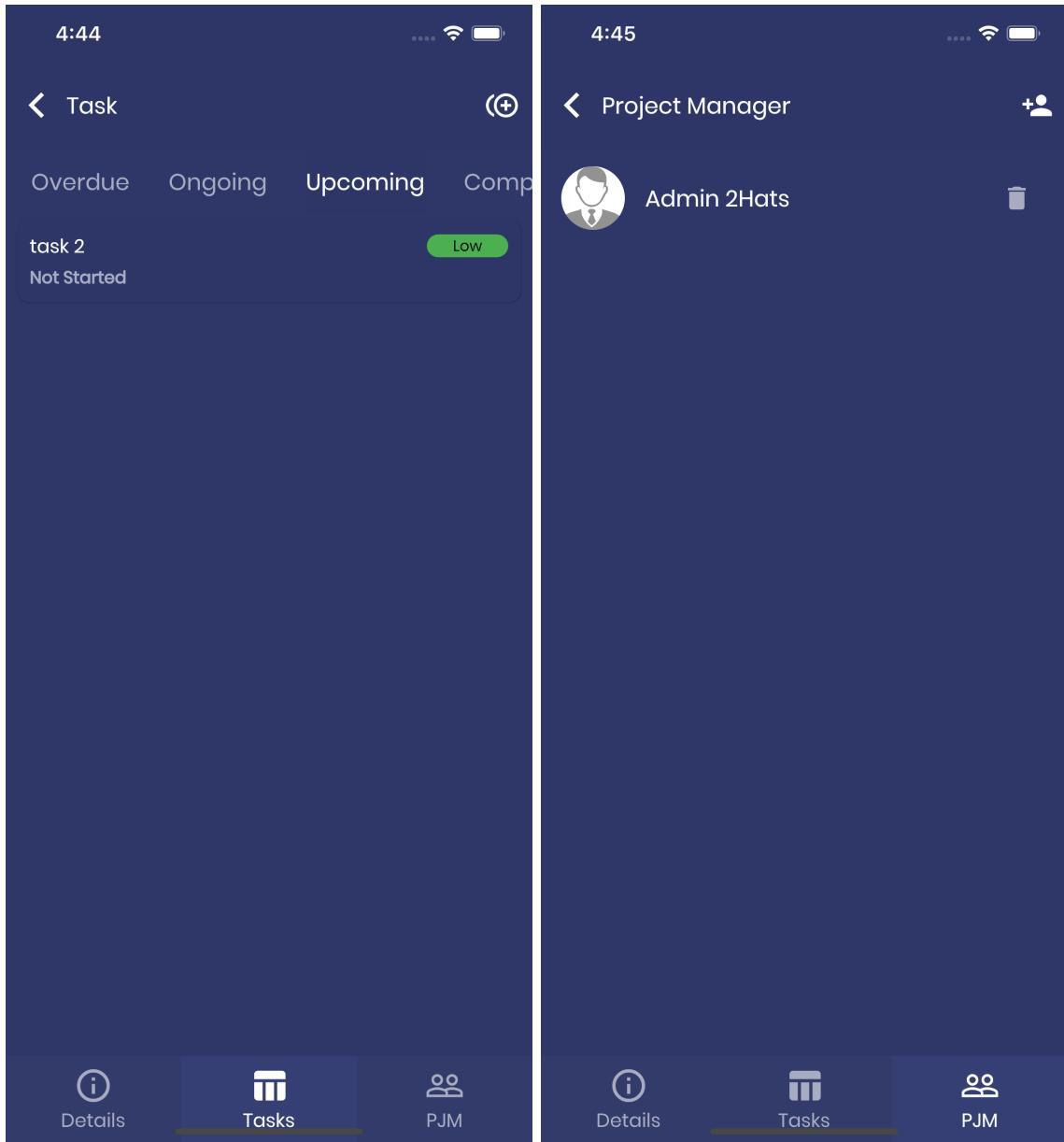
Type: PHP

Start Date: 16/04/2020

End Date: 09/05/2020

Navigation: Details, Tasks, PJM

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4:45

task

task 2

Test Project

Priority
Low

Time Spent
0.50 Hrs

0.0% Done

Estimated Time
0.5 Hrs

Created Date
2020-04-17

Start Date
2020-04-17

End Date
2020-04-17

Details Members Add Progress

4:46

Time Entry

20 Apr 2020 - 26 Apr 2020

Mon 20 Tue 21 Wed 22 Thu 23 Fri 24

21 Apr 2020 Total Hours : 3h 46m

Test Project

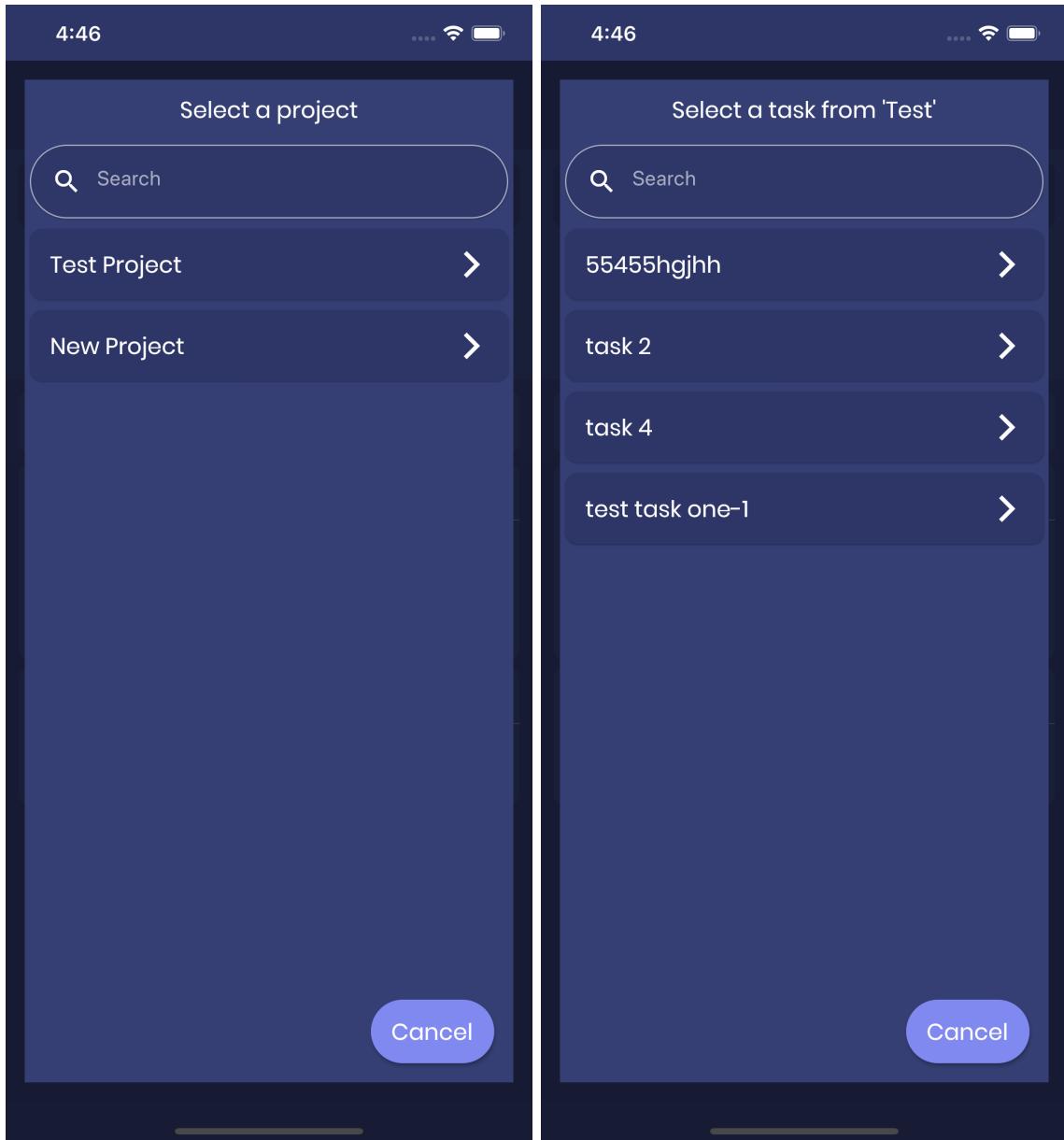
task 4 0h 1m

55455hgjhh 3h 32m

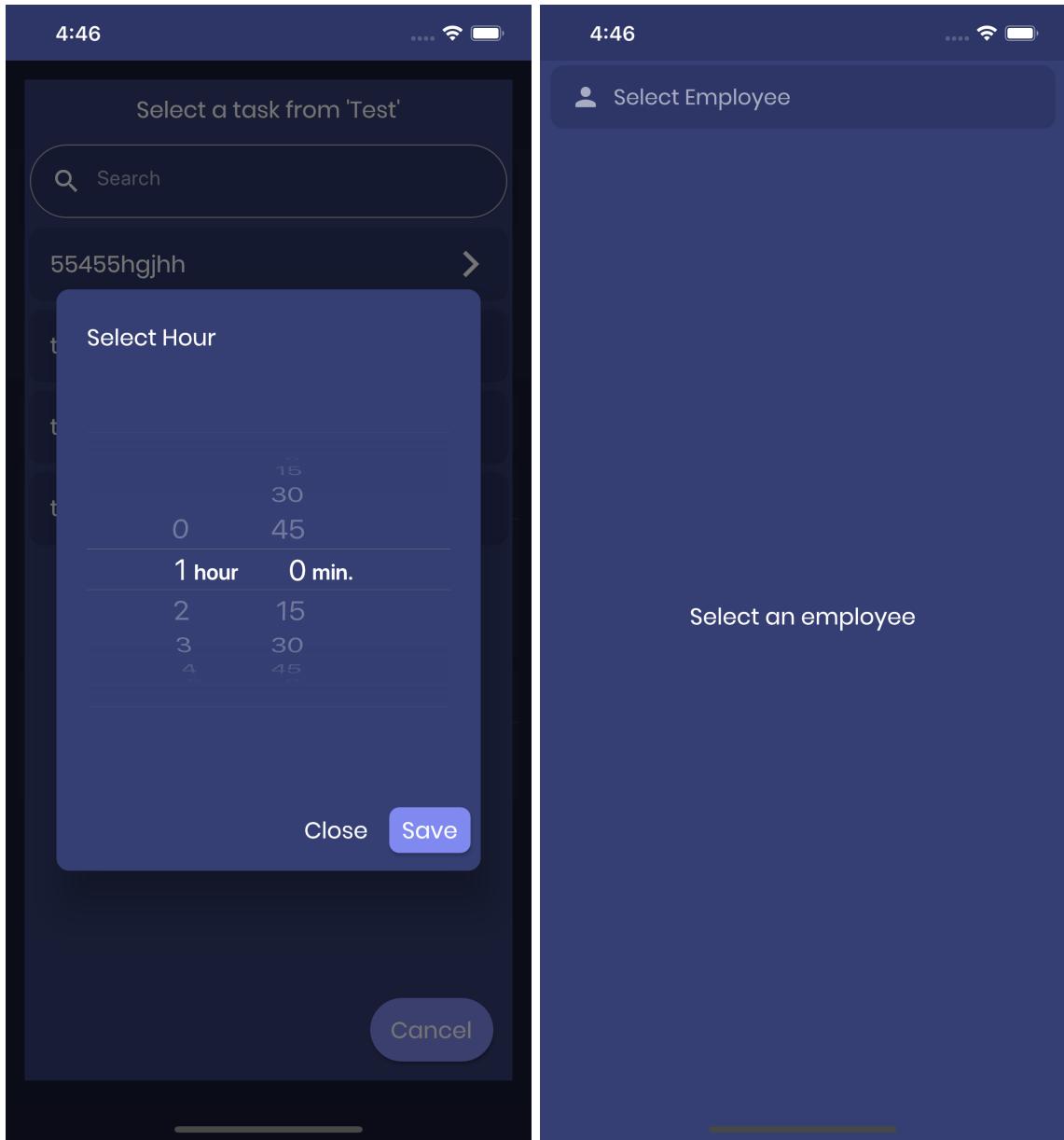
New Project

Task 1 0h 13m

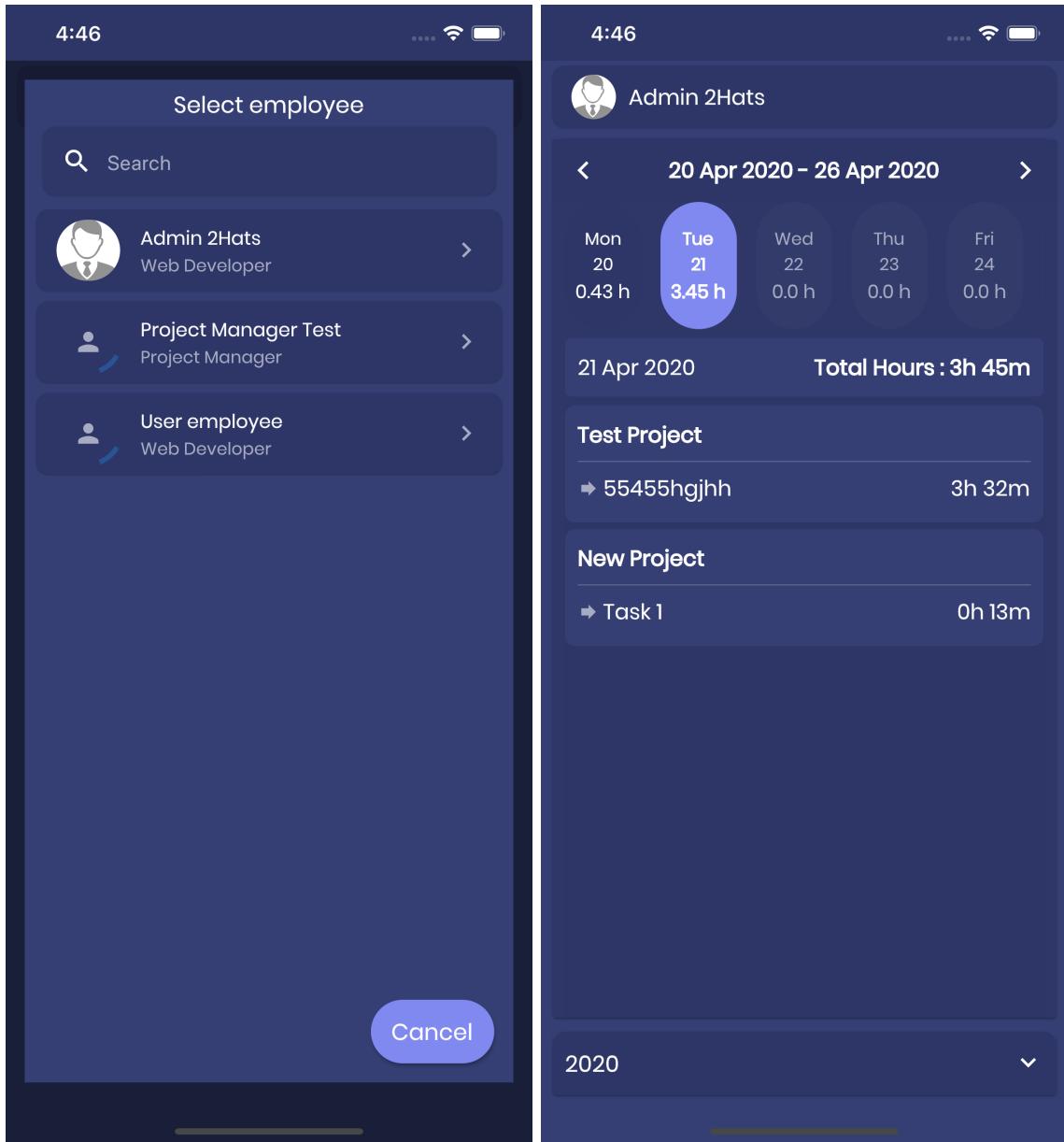
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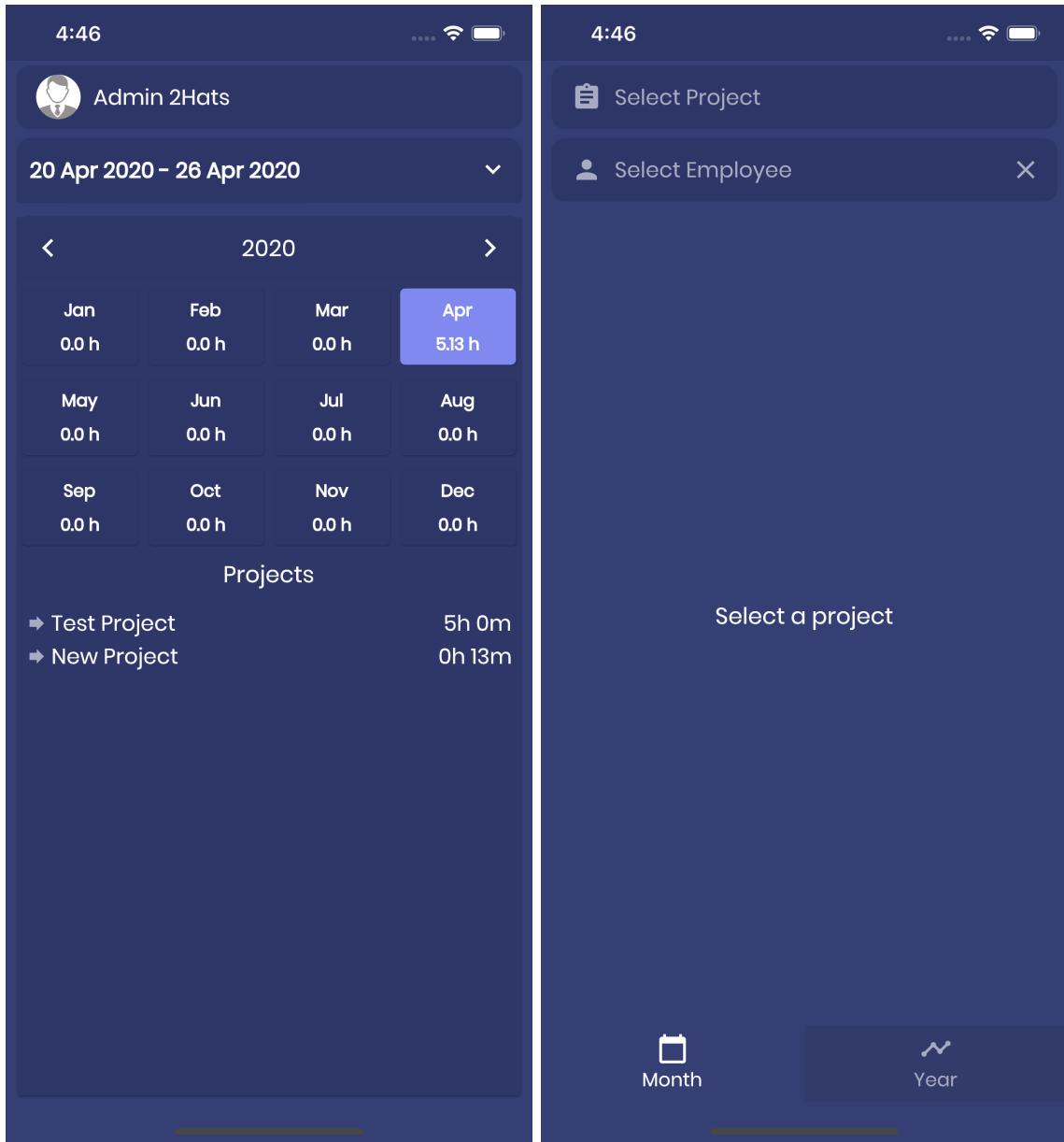
Efficiency And Project Management System



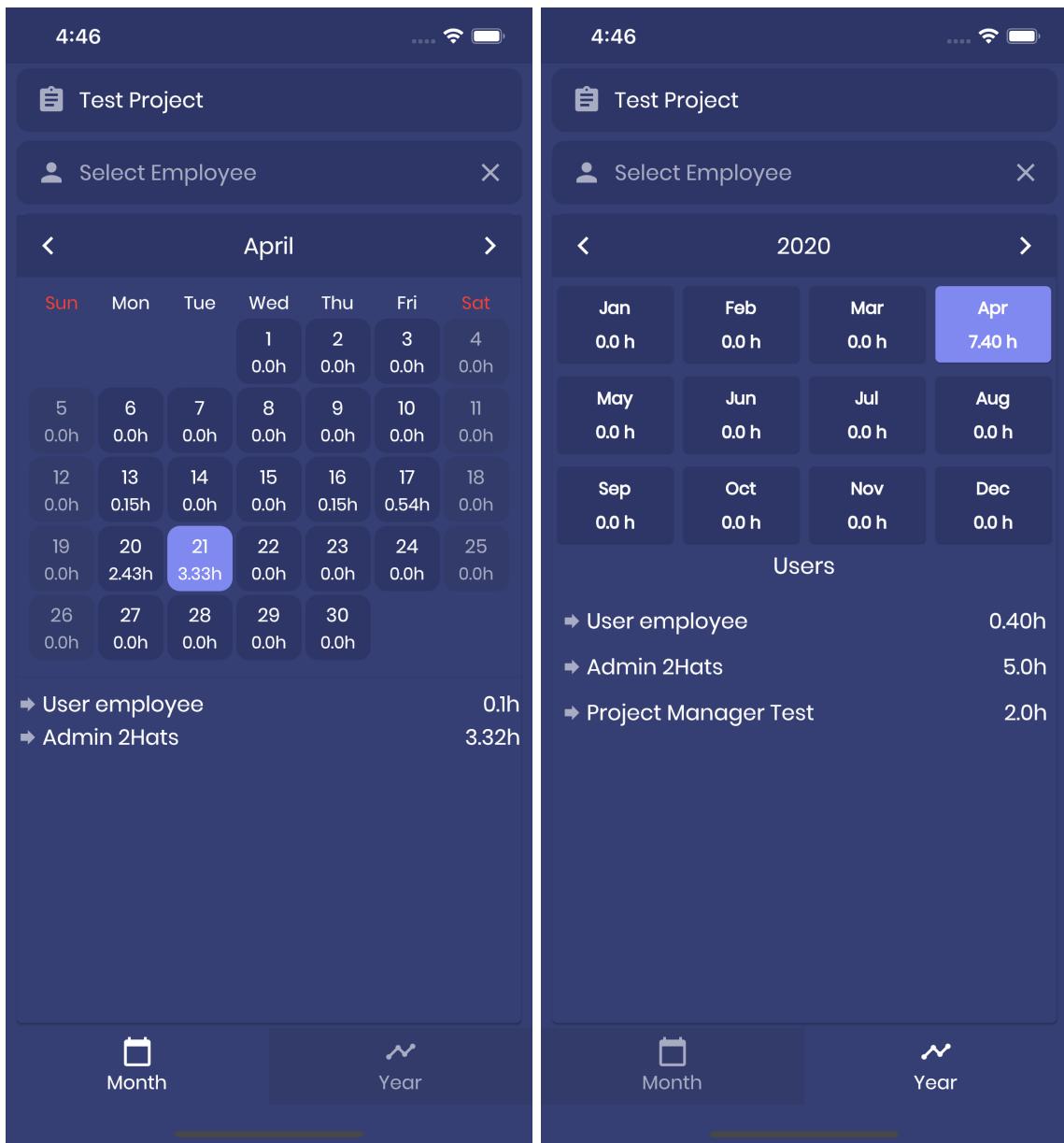
Efficiency And Project Management System



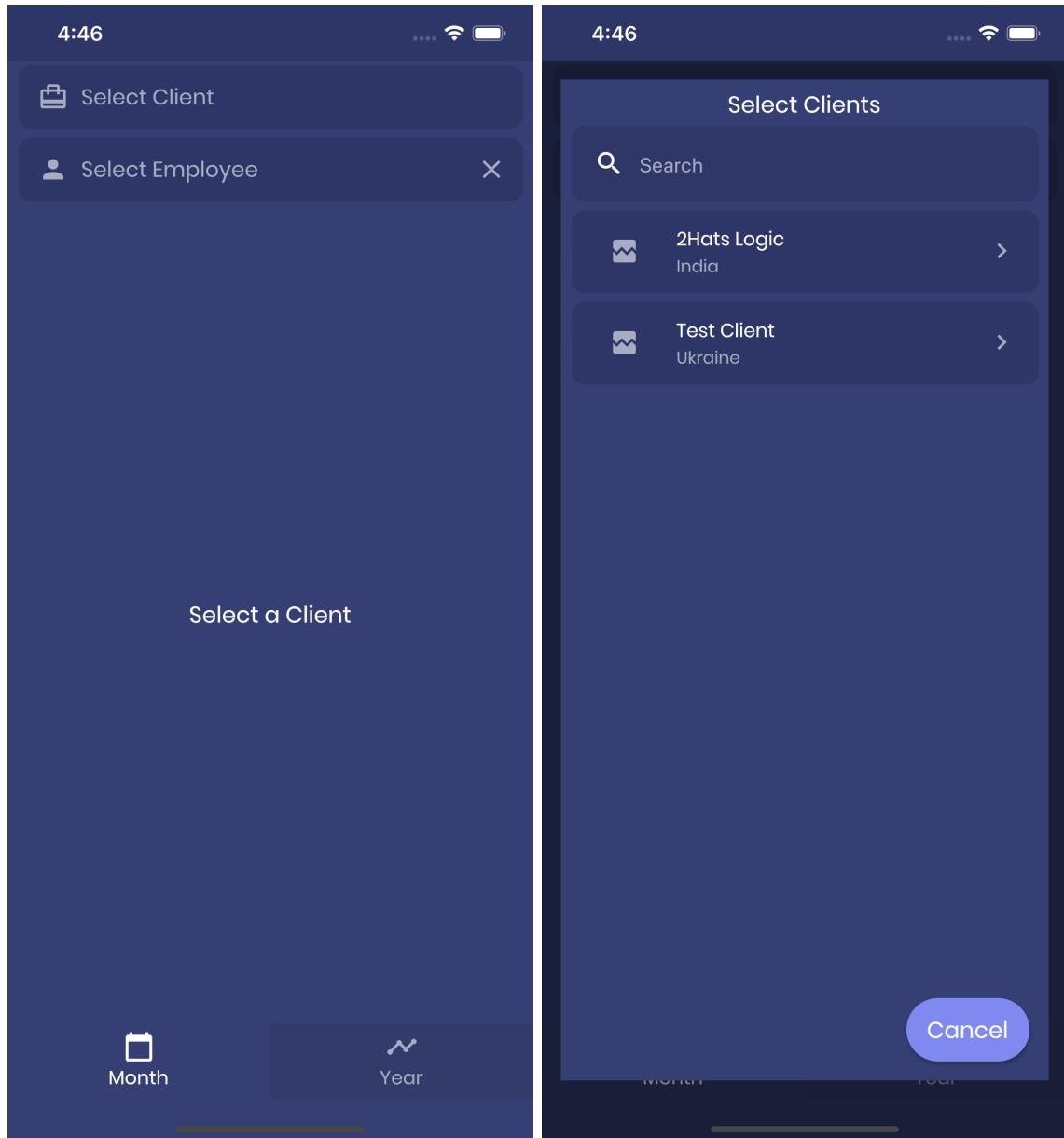
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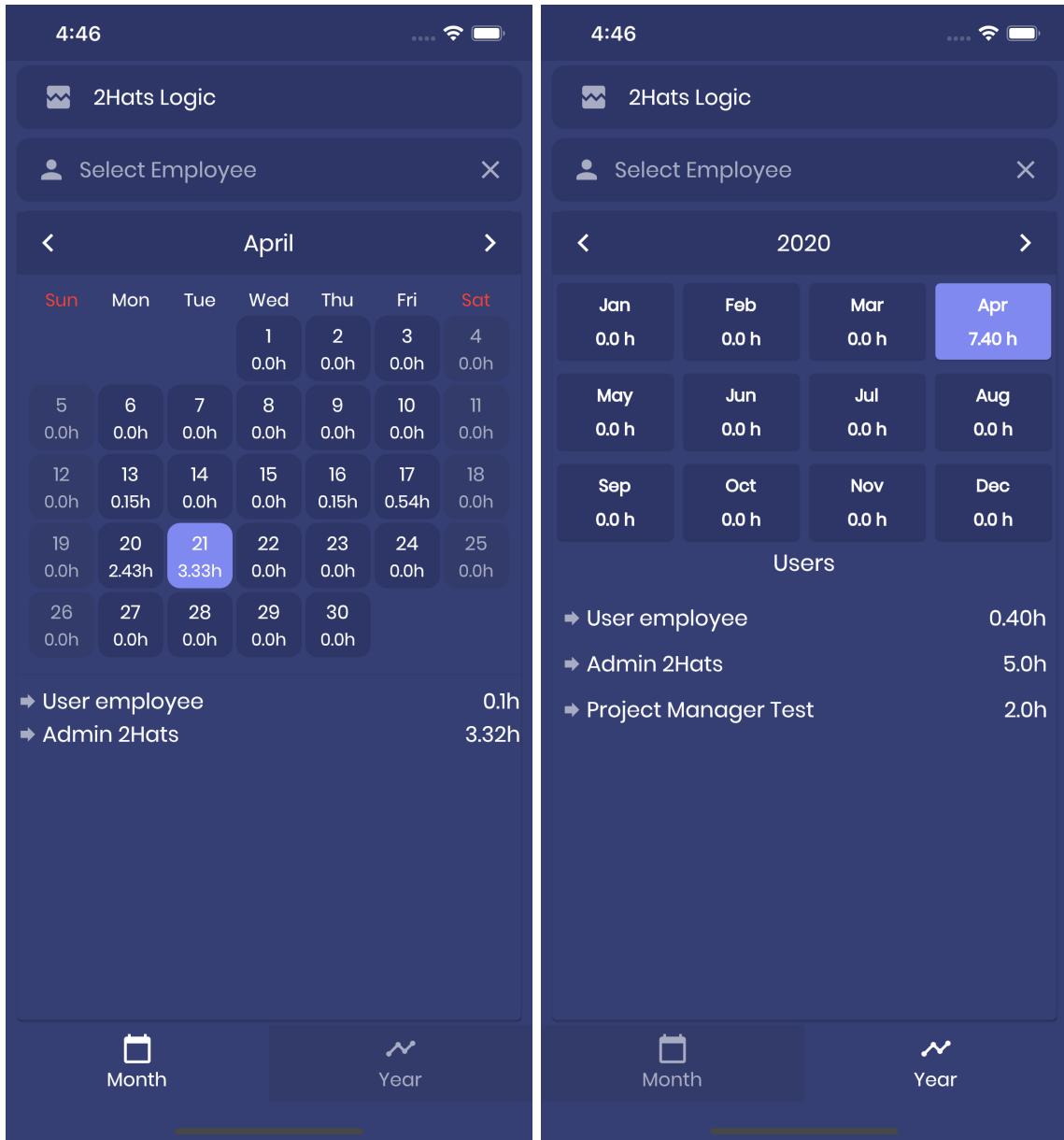
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6.3 Reference

1. <https://stackoverflow.com>
2. <https://flutter.dev/>
3. <https://medium.com>