



Task Management System

PROJECT 1 REPORT

BACHELOR OF COMPUTER PROGRAMMING

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1) ACKNOWLEDGMENTS

We would like to thank Eng. Ahmed Altalhi for his continuous support and feedback that assisted us to improve our application.

We also want to express our gratitude for Eng. Mohammad Alkhadran for teaching us about mobile development, and to all of our teachers in our short time in this college.

2) ABSTRACT

Task management app for companies. Where managers can assign tasks and send notifications for their employees. And employees can submit given tasks and comment on them.

Some of the features in the app are:

- Three roles and access managements.
- Creating departments
- Creating employees.
- Sending notifications.
- Profile settings.
- Track completed and incompleted tasks.

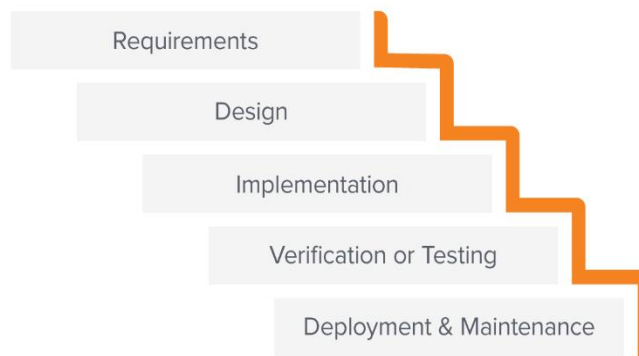
3) CHAPTER 1: INTRODUCTION

3.1 AIM & OBJECTIVES

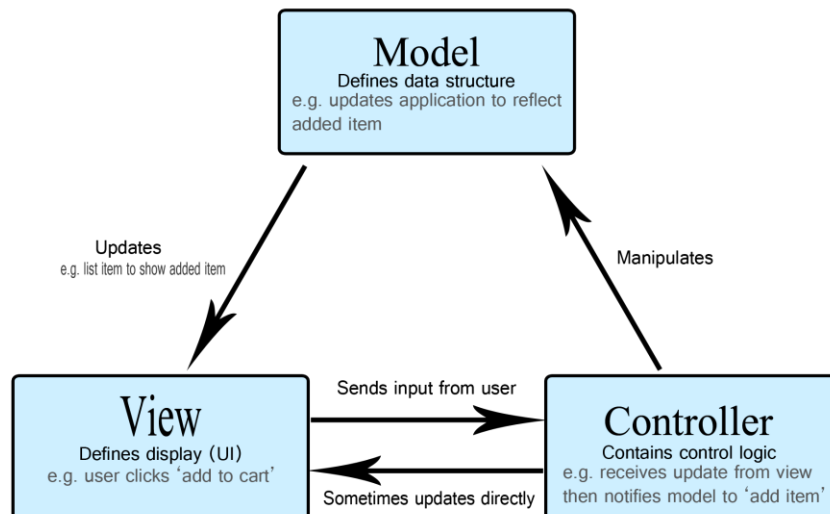
Develop an application to manage tasks between employees and track the status of each task easily.

3.2 MATERIALS AND METHODS

3.2.1 WATERFLOW METHOD



3.2.2 MVC METHOD



4) CHAPTER 2: BACKGROUND

Many managers fail to monitor and assign tasks to employees. Even the employees can get frustrated tracking their tasks and deadlines. Therefore, our app can organize these tasks between managers and employees and track their progress effortlessly.

5) CHAPTER 3: PRESENT WORK

5.1 USE CASES

1. Admin use case:

- 1.1 Admin log in with predetermined credentials.
- 1.2 Creates Department(s).
- 1.3 Create Manager/Employee accounts.
- 1.4 Username & password will be sent to the corresponding email.
- 1.5 Can create, edit, and delete entries.

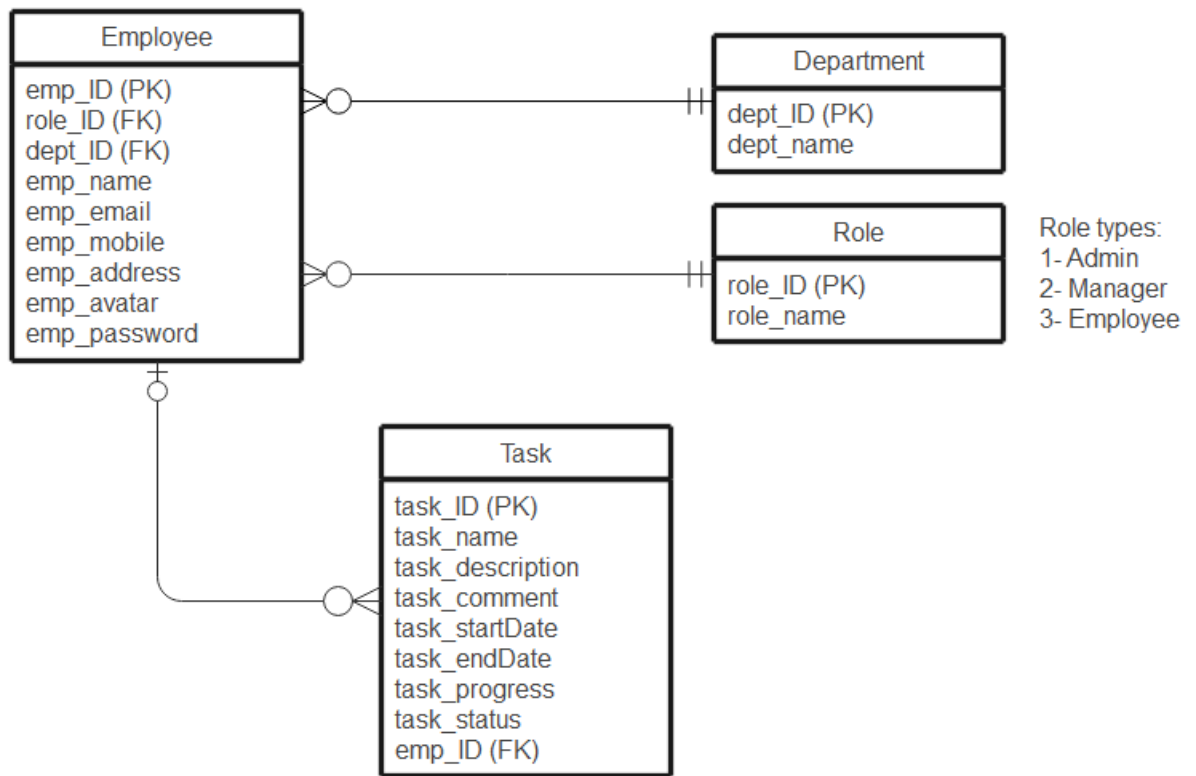
2. Manager Cases:

- 2.1 Log in using received credentials.
- 2.2 Create Employees accounts corresponds to their department.
- 2.3 Credentials will be sent to the employee's email.
- 2.4 Assign task(s) to employees and send notification.
- 2.5 Track finished and pending tasks and their progress for each employee.
- 2.6 Receive notification when tasks are completed.
- 2.7 Edit profile, tasks, and employees.

3. Employee Cases:

- 3.1 Log in using received credentials.
- 3.2 Receive notifications for new tasks.
- 3.3 Can comment and edit progress for each task.
- 3.4 Send notification for submitted tasks to the manager.
- 3.5 Edit profile.

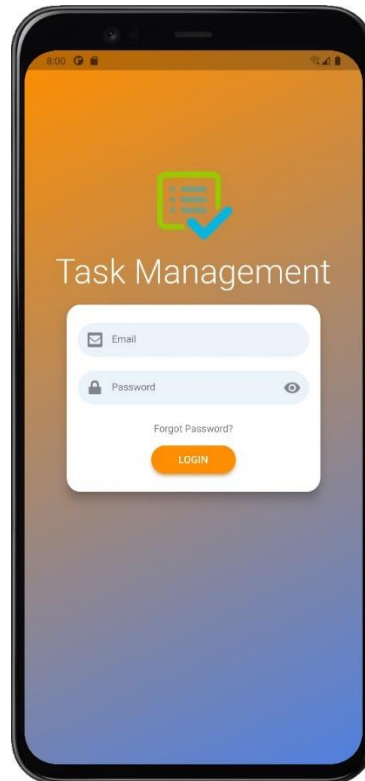
5.2 ENTITY RELATION DIAGRAM



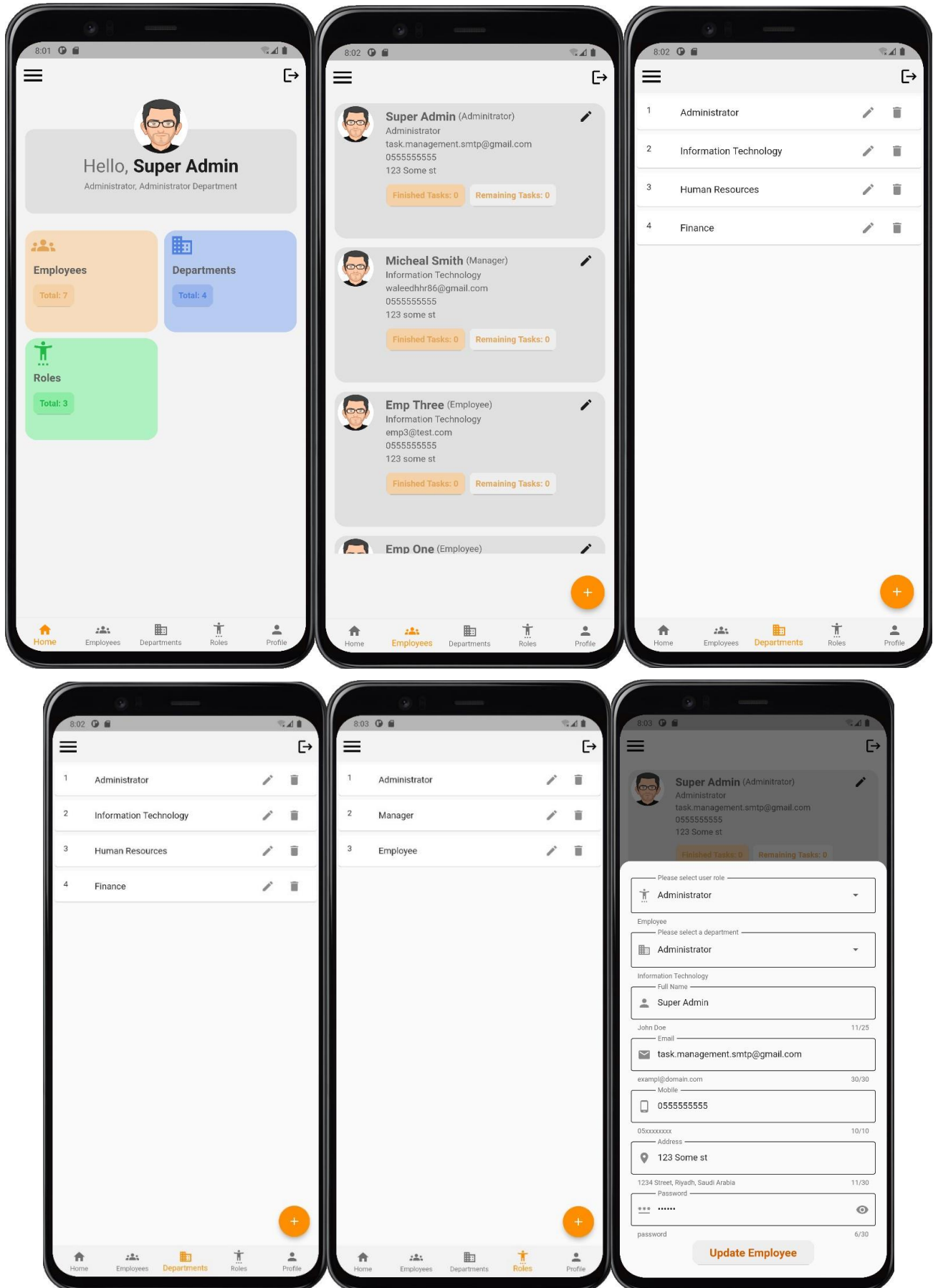
6) CHAPTER 4: RESULTS AND DISCUSSION

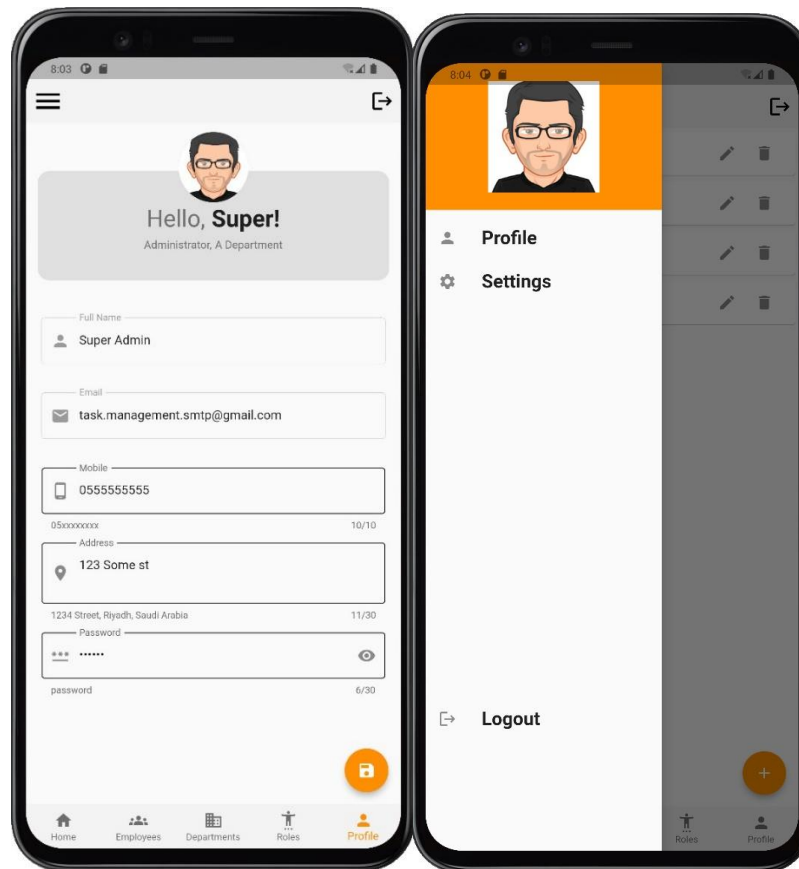
All employees can login to the application using their credentials and edit their profile. Managers can create employees and assign tasks using the application. Employees can submit tasks and comment if they have any feedback. Admin controls the departments, employees, and check roles.

6.1 LOGIN SCREEN



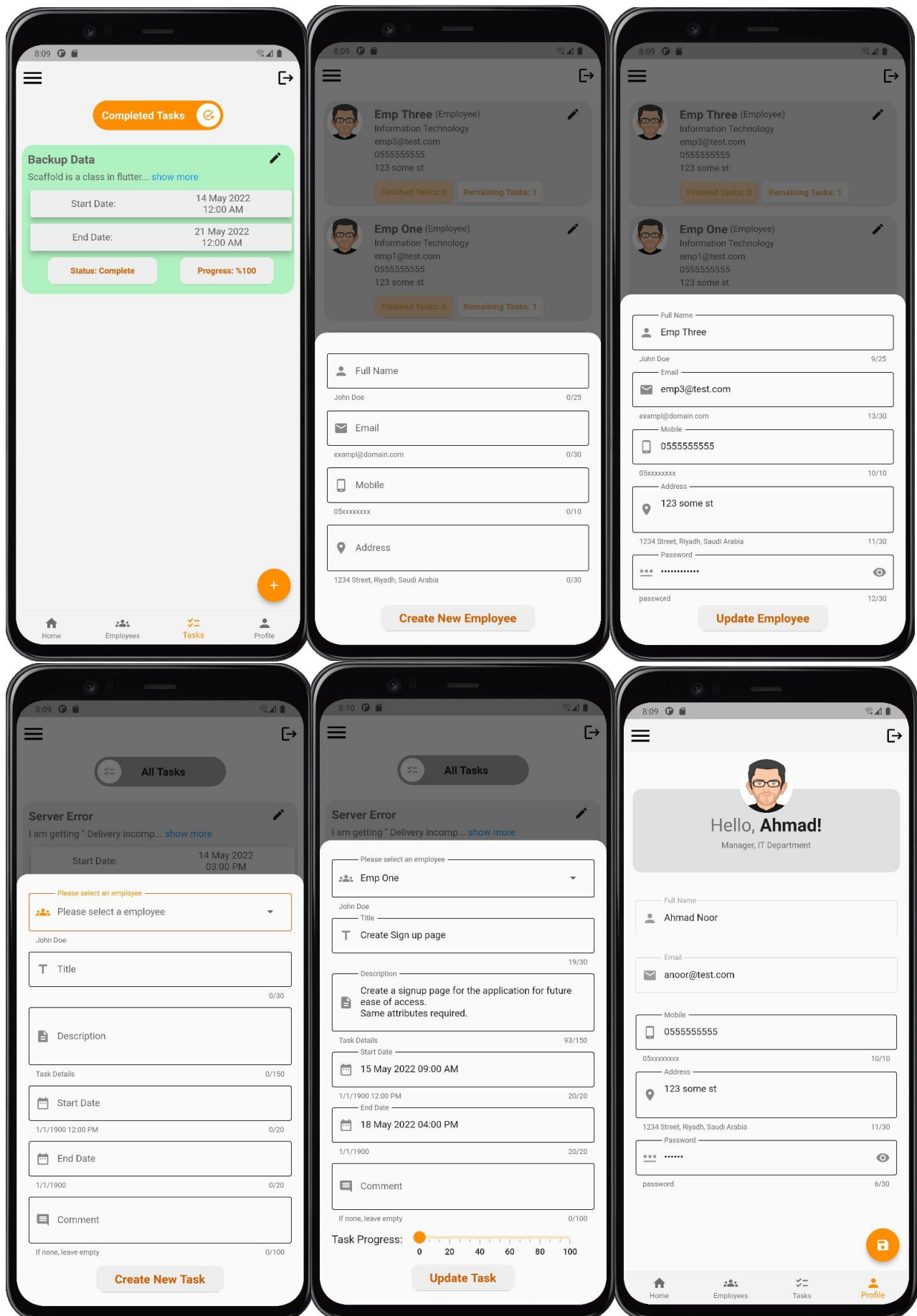
6.2 ADMIN SCREENS



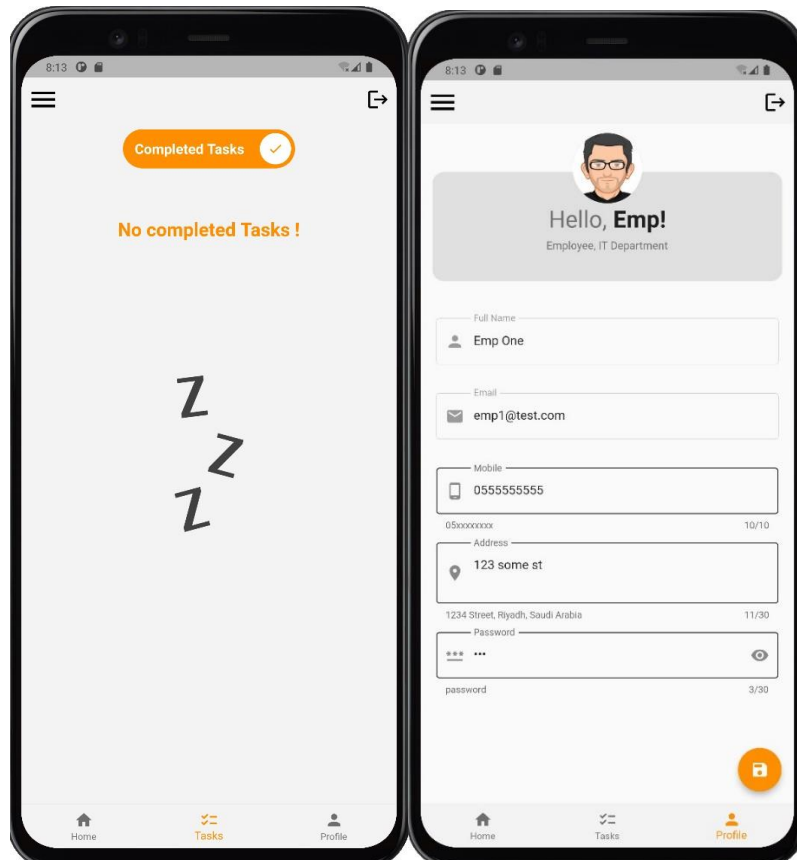
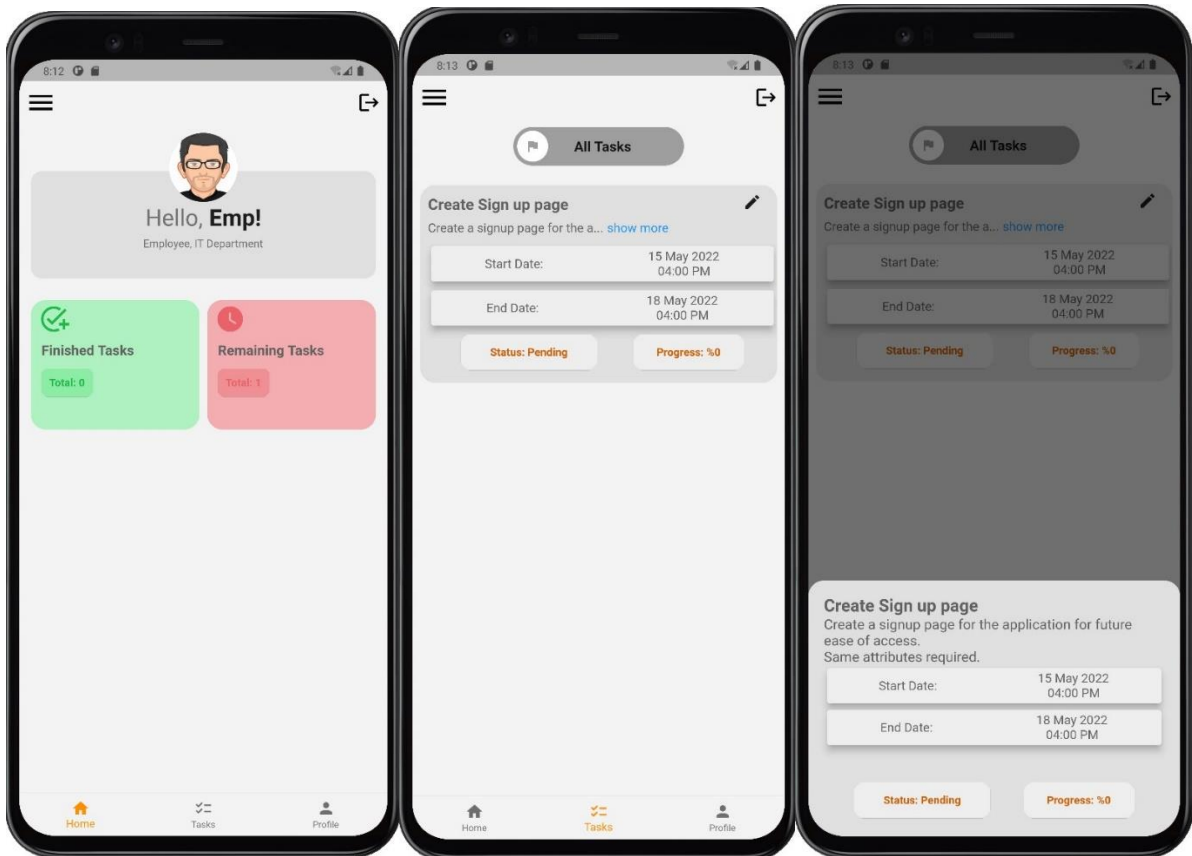


6.3 MANAGER SCREENS

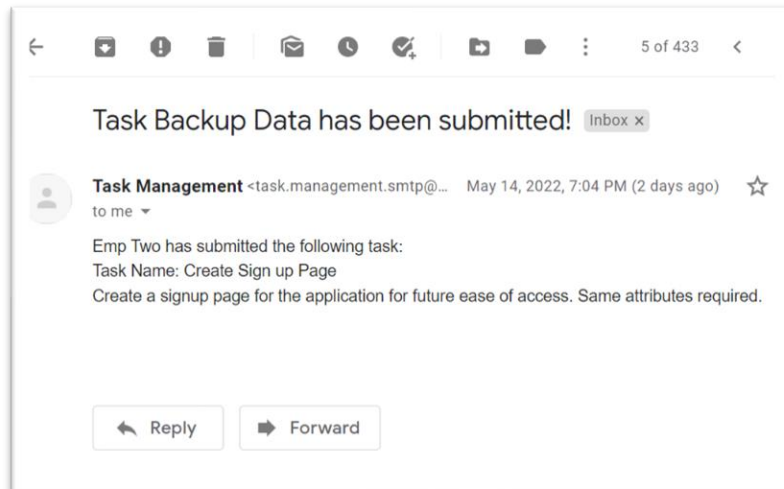
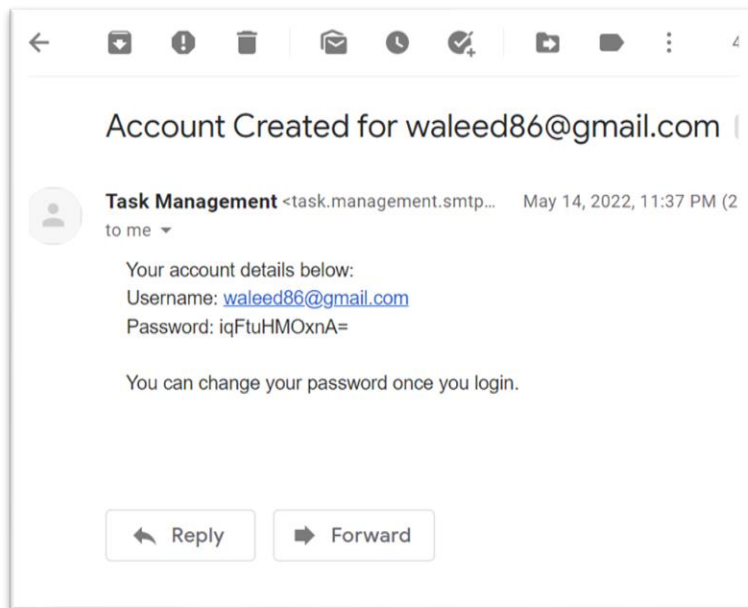
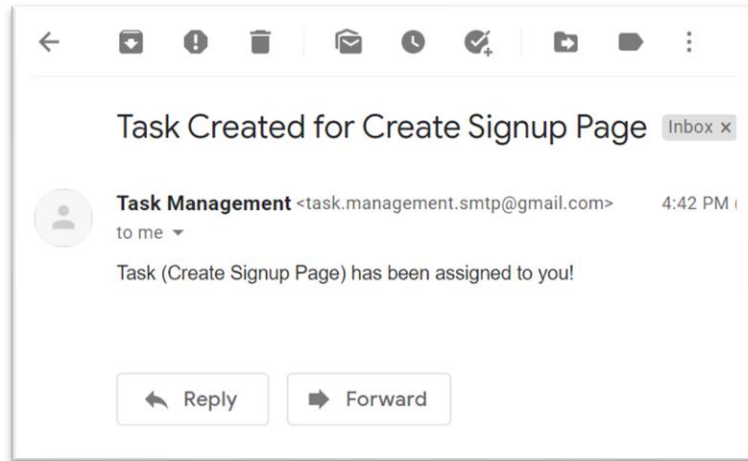




6.4 EMPLOYEE SCREENS



6.5 NOTIFICATION RECEIVED



7) CHAPTER 5: CONCLUSION AND FUTURE WORK

7.1 CONCLUSION

Even though there are many enterprises level that implement task management systems, very few are applied to the mobile version. Task Management can be easily monitored, tracked and use between employees and manager with little efforts.

7.2 FUTURE WORK

There are many features that can be added to the application to increase its usefulness. We are considering to improve/add the following:

- Add comment/chat sections for ease of communication between employee and manager.
- Ability to add notification templates or edit them.
- Send reminders to employee that are close to the deadline.
- Add option to add profile images.
- Filter tasks based on employee, progress, or dates.
- Add settings option and forgot password option.
- Enhance the app to have adaptable screens size for all phones.

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