

BMS COLLEGE OF ENGINEERING

(Autonomous College under VTU)

Bull Temple Road, Basavanagudi, Bangalore - 560019



A report on

“MakeitHappenNow”

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

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

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Department of Information Science and Engineering

2021 - 22

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CERTIFICATE

This is to certify that the project entitled “MakeitHappenNow” is a bona-fide work carried out by **Hiral Honnoorali (1BM20IS406), Varun R P (1BM19IS221) & Vidhit M Kotak (1BM19IS178)** in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering from Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the Faculty

Name and Designation

Signature of the HOD

Name and Designation

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ABSTRACT

Have you ever postponed your homework until the last minute? Or maybe you studied for a test the day before? Maybe it's too late to write a story until the last hour? We are all guilty of delaying jobs and postponing important work until the latest date. This is actually procrastination. It is the act of deliberately delaying any task or activity. Procrastination is a thief of time hence we provide an elegant but an easy solution in the form of digital sticky note to schedule tasks and set alarm for the same to complete the desired time on time.

INTRODUCTION

Social media and other easily accessible online distractions make it hard for us to stay focused on our tasks and make it difficult for us to do our work efficiently. Also, constantly switching between tasks may give us the false feeling that we are being productive when we are, in fact, not. It's more important for us to prioritize tasks and work on those that are most important, rather than focusing on deleting small items from our to do list just for the sake of appearances. The goal of this app is to help us become more aware of how we spend time in the process of doing those tasks and how productive that time is. It can help set some constraints on social media to reduce distraction and track the time we spend working on the to do items. When we have a better sense of the estimated time we'll need to spend on our tasks, along with the validated time spent on the items for reference or personal/team reviews, we are able to manage our daily routines more efficiently.

TECHNICAL REQUIREMENTS

1) Operating Environment:

- Windows Operating System for development
- Android Mobile Operating System for development

2) Android Studio Specifications:

- Compile SDK version 28 or later

3) System Requirements:

- Computer should have at least 4GB RAM

4) Application Perspective:

- The application is written in Java Language - The mobile, on which the app is hosted, should have enough storage to support app key functionalities.

5) Database Requirements:

- Device storage is used for storage.

6) Database Dependencies:

- Room Database

REQUIREMENTS SPECIFICATION

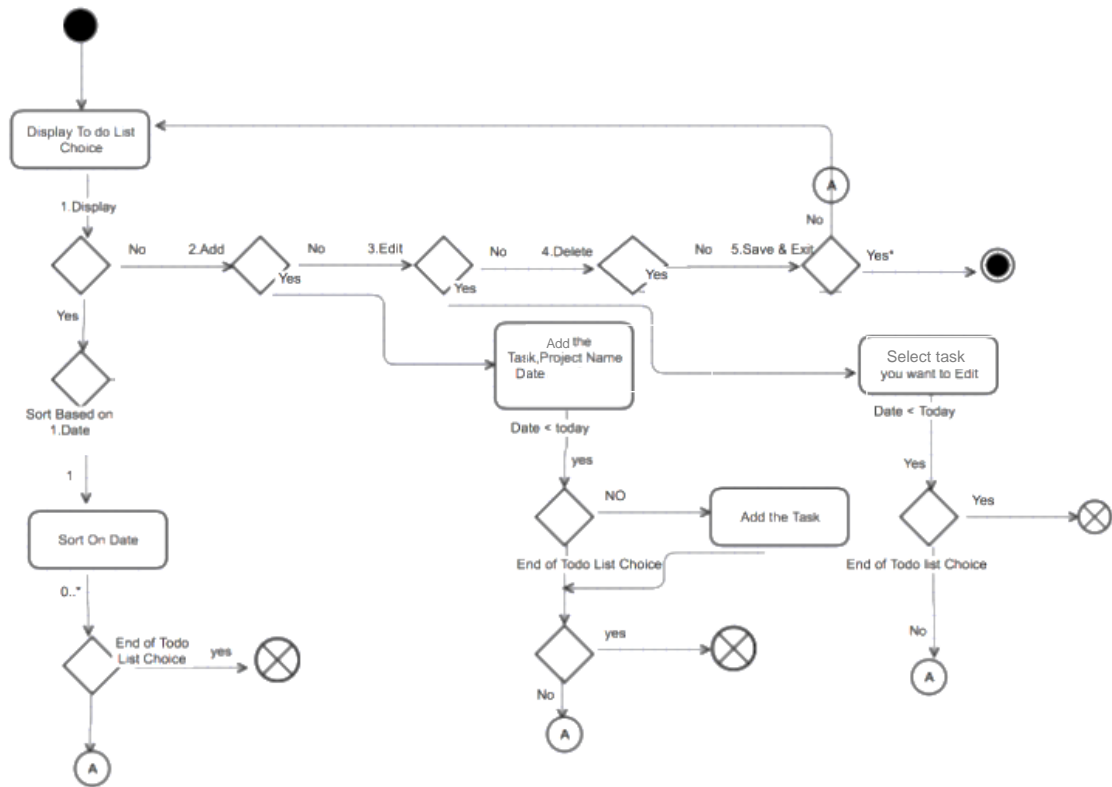
Functional Requirements:

- Input test case must not have compilation and runtime errors.
- The application must not stop working when kept running for even a long time.
- The application must function as expected for every set of test cases provided.
- The application should generate the output for the given input test case and input parameters.
- The application should generate on-demand services.

Non-Functional Requirements:

- Portability: Since the system is designed to run using Android, the system is portable.
- Correctness: It follows a well-defined set of procedures and rules to compute and also rigorous testing is performed to confirm the correctness of the data.
- Ease of Use: The front end is designed in such a way that it provides an interface which allows the user to interact in an easy manner.
- Modularity: The complete product is broken up into many modules and well-defined interfaces are developed to explore the benefit of flexibility of the product.
- Robustness: This software is being developed in such a way that the overall performance is optimized and the user can expect the results within a limited time with utmost relevance and correctness

ACTIVITY FLOW DIAGRAM

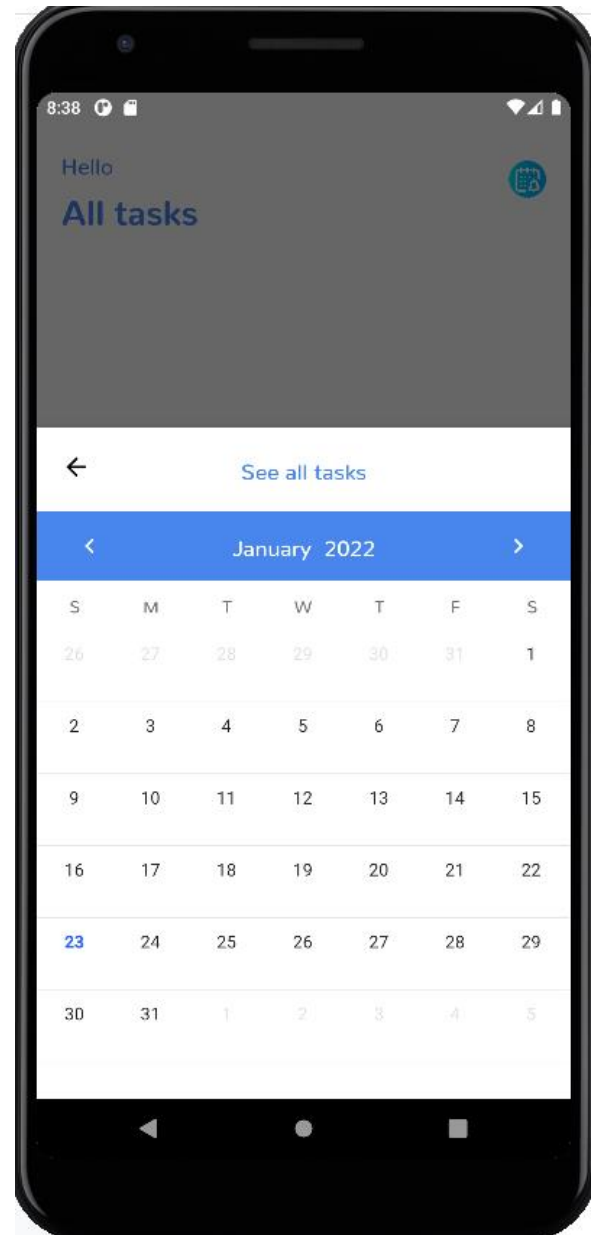


USER INTERFACE DESIGN

Landing Page

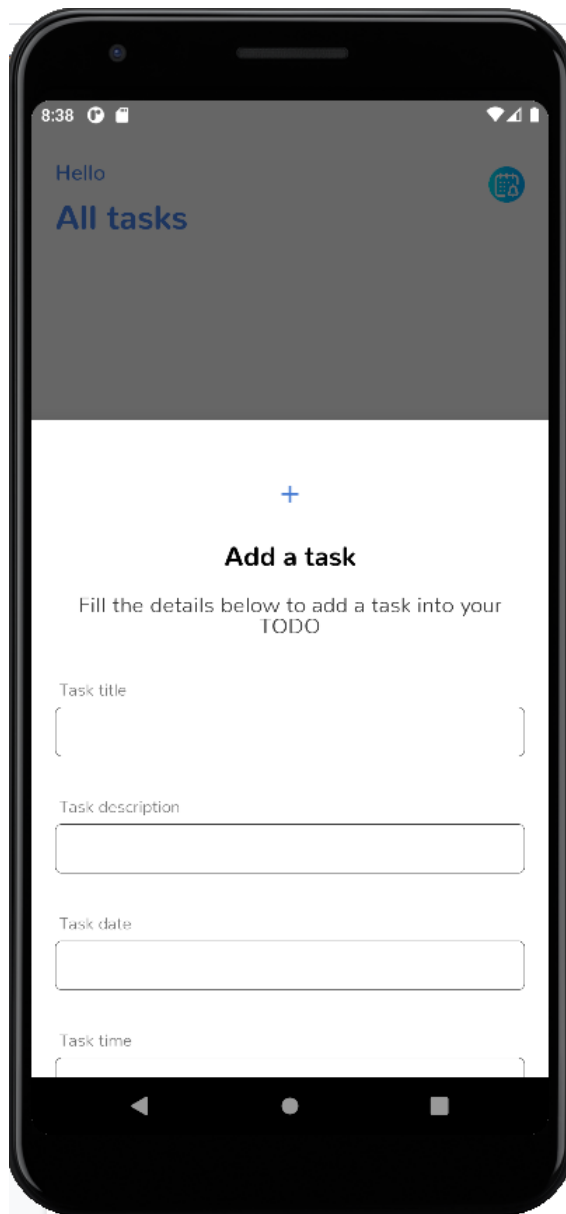


Calender before scheduling tasks

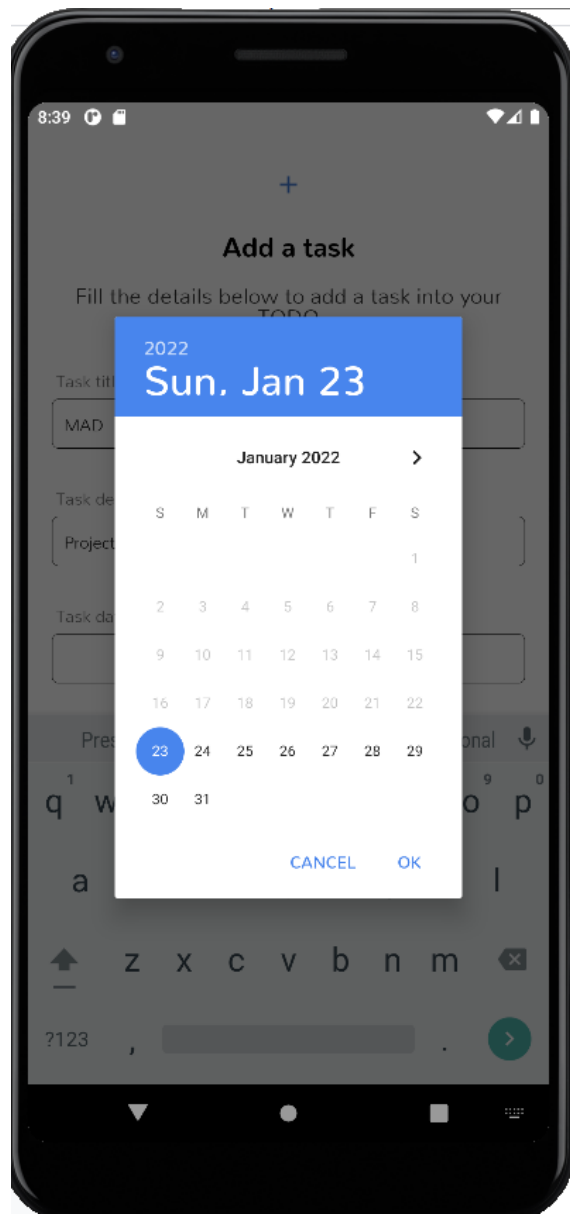


Scheduling a task

Adding task information



Adding date and time



8:40

+

Add a task

Fill the details below to add a task into your TODO

Task title

MAD

Task description

Project Presentation

Task date

23 1 2022

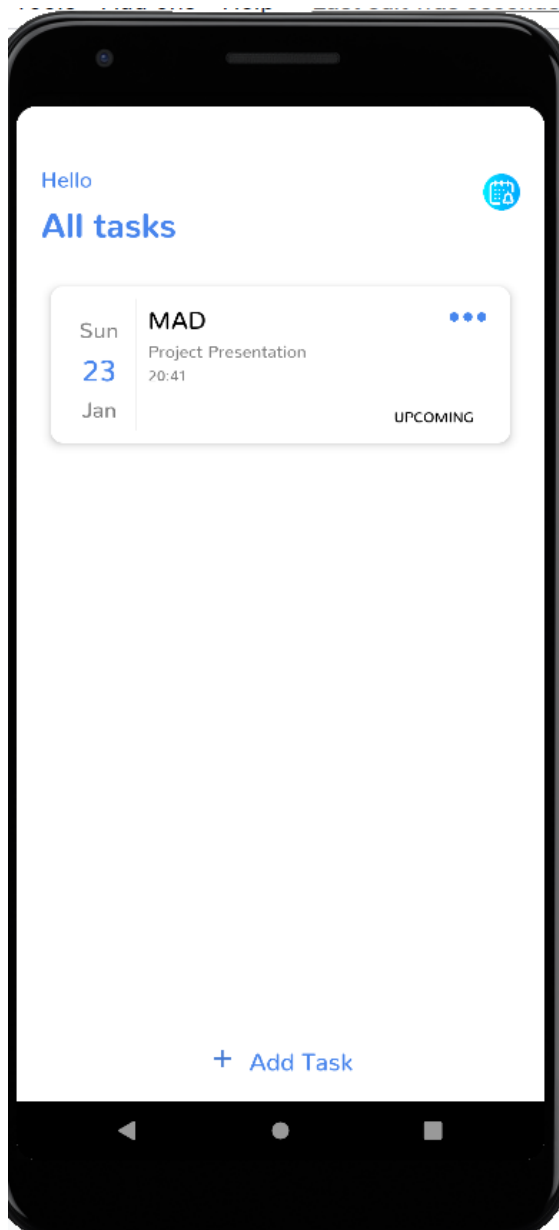
Task time

20:41

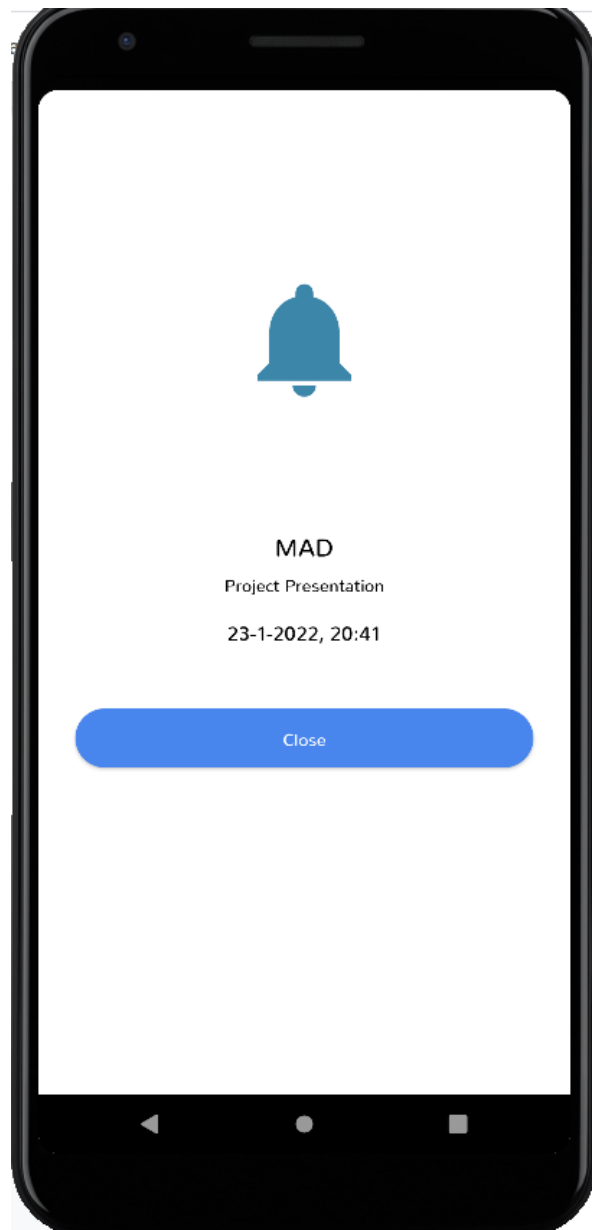
Add an event

ADD TASK

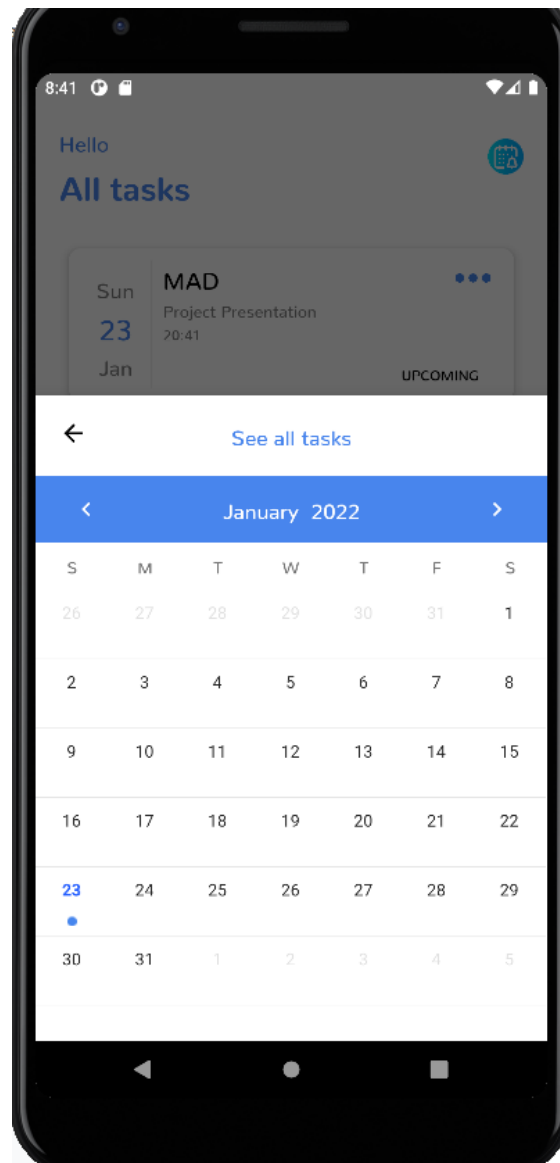
Scheduled task



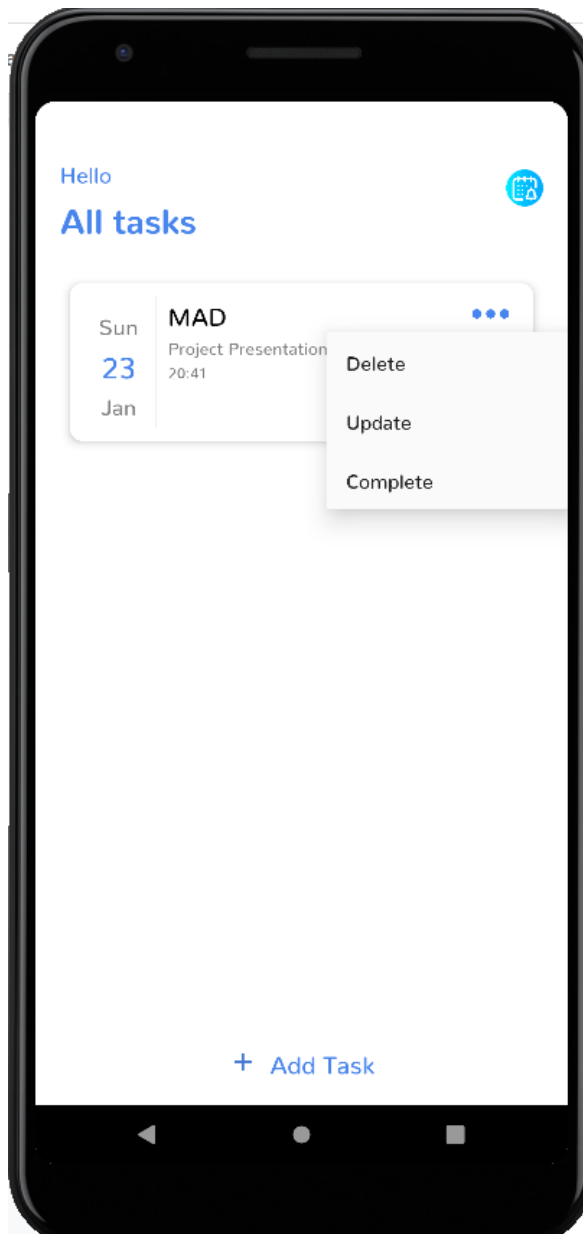
Notification of scheduled task



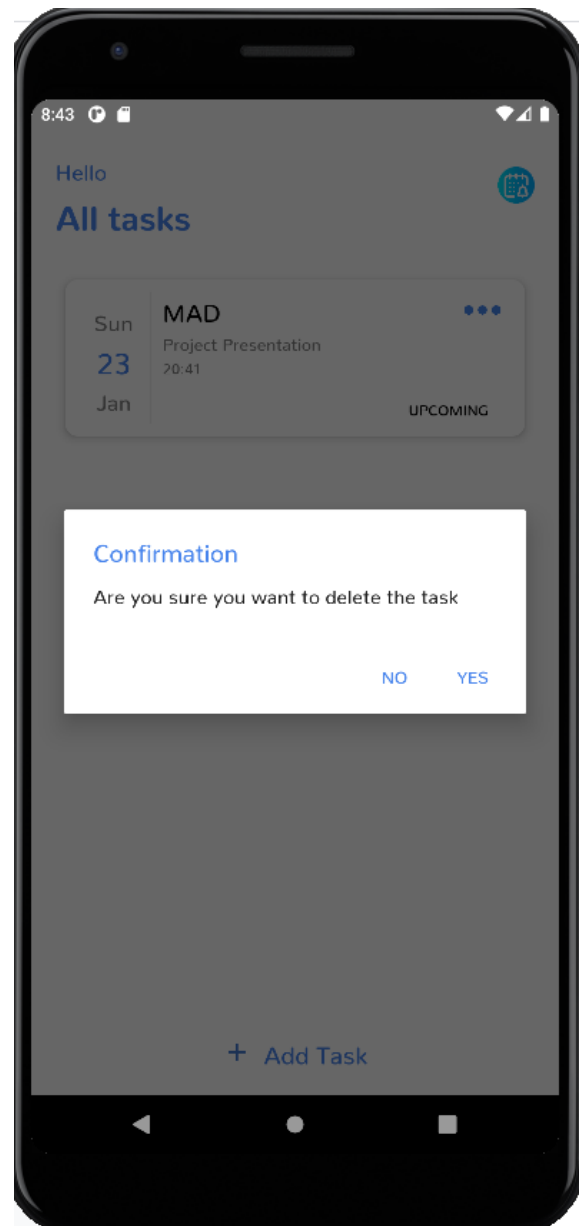
Calendar after scheduling task



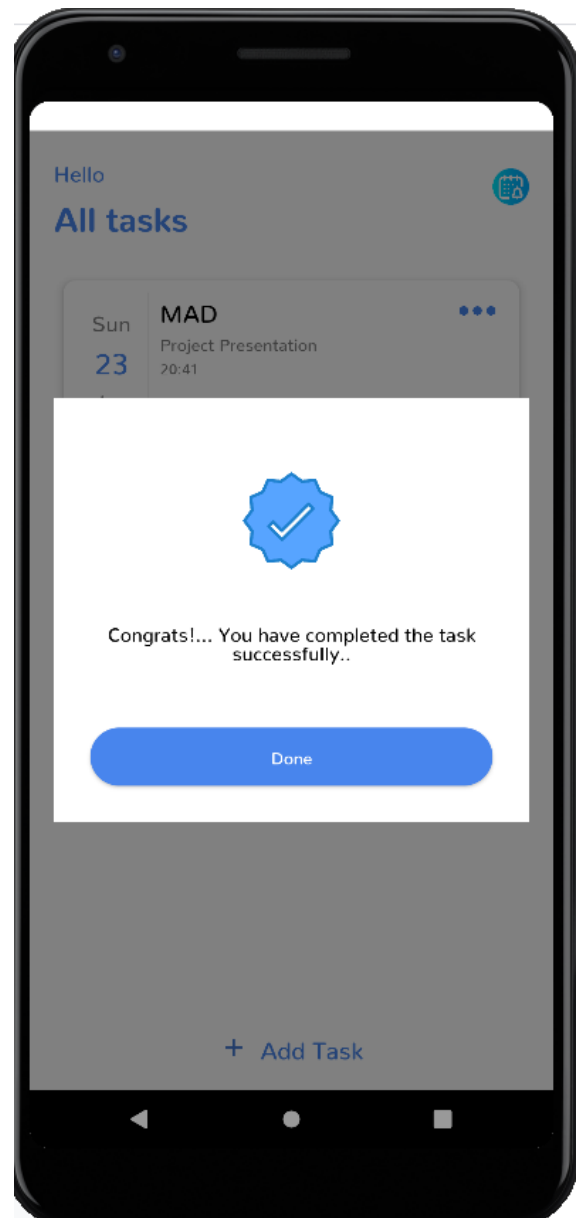
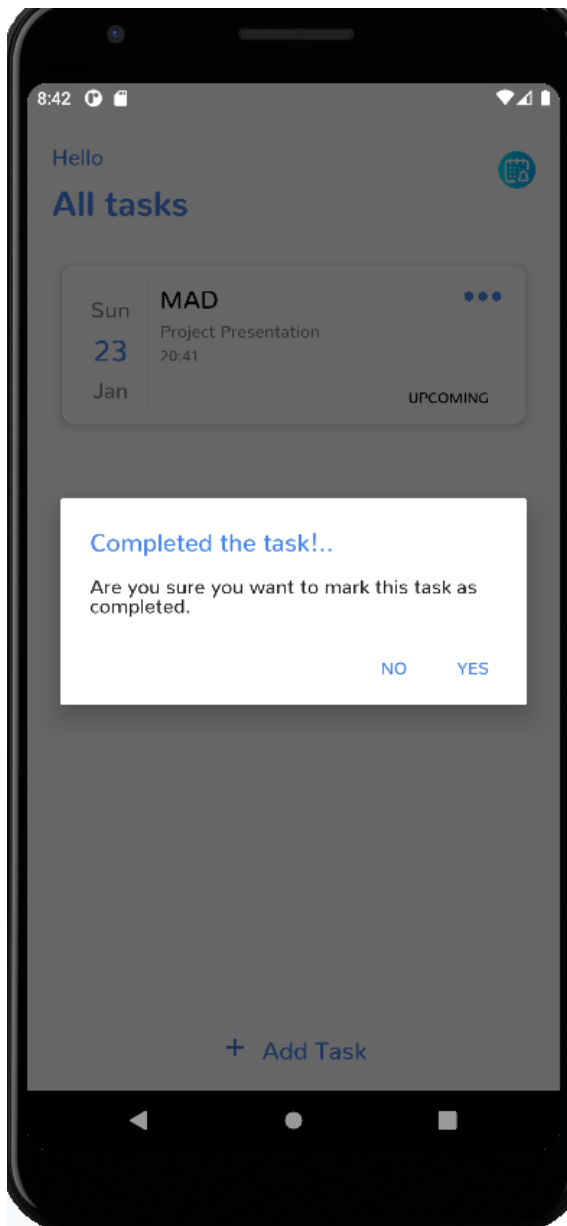
Changing scheduled task



Deletion of scheduled task



Completion of a task



USER INPUT VALIDATION

Case	Precondition	Input	Output	Postcondition
Add Task	The phone should have enough memory space	User adds new task by entering its title, date and time of action, description of task	Task will be added to the home page	Users can view the task on their home page and calendar on the date it is scheduled for
List Task	User should have a list of tasks scheduled	Open application after adding tasks	List of tasks displayed	Users can add more task or modify tasks
Delete Task	User should have a list of tasks scheduled	The user selects delete option from the scheduled task	The task is deleted	Users can view other tasks or there will be no tasks and calendar will be updated
Update Task	User should have a list of tasks scheduled	User changes the details of the task	The task details are updated and calendar is updated	User can view the updated task on the home screen and date on which it is scheduled for in the calendar
Complete Task	User should have a list of tasks scheduled	User checks the complete option	The task is removed from the list of task	Users can view other tasks or there will be no tasks and calendar will be updated

CONCLUSION

This MakeitHappenNow system will manage the scheduled tasks that are added by the user by providing a reminder the user to perform that task on the set time by sending a notification and an alarm. It provides a platform for the user to be organized and to perform tasks on time that help to manage their time and work better. Room database helps to store the information of the task locally on the device. This system helps the user to save time and be more reliable.