

CAPSTONE PROJECT REPORT

a. Title of the project : *TODO APP*

b. Developers Details:

S.NO	REG.NO	STUDENT NAME
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c. Objective of an application:

To-Do List project is an application specially built to keep track of errands or tasks that need to be done. This application will be like a task keeper where the user would be able to enter the tasks that they need to do. Once they are done with their tasks they can also remove them from the list. They will get the alarm at the time of the task. So that in the busy schedule also one should not forget their important works once they save here.

d. Topics Covered:

❖ **Activites:**

The activity serves as the entry point for an app's interaction with the user. An activity provides the window in which the app draws its UI.

❖ **Intents:**

An Intent is a messaging object you can use to request an action from another app component

There are two types of intents:

- Explicit intents specify which application will satisfy the intent, by supplying either the target app's package name or a fully-qualified component class name. You'll typically use an explicit intent to start a component in your own app
- Implicit intents do not name a specific component, but instead declare a general action to perform, which allows a component from another app to handle it. For example, if you want to show the user a location on a map

❖ **Views:**

View is the base class for widgets, which are used to create interactive UI components (buttons, text fields, etc.).

❖ **Dialog Box:**

A dialog is a small window that prompts the user to make a decision or enter additional information. A dialog does not fill the screen and is normally used for modal events that require users to take an action before they can proceed.

❖ **Fragments:**

A Fragment represents a reusable portion of your app's UI. A fragment defines and manages its own layout, has its own lifecycle, and can handle its own input events. Fragments can't live on their own. They must be hosted by an activity or another fragment.

❖ **Firebase:**

Google Firebase is an app development backend, that allows developers to build apps faster, and publish apps. Track performance and engage users. Besides the tools for development, it also empowers developers to scale their apps without stress when the demand increases.

❖ **Notification Panes:**

A notification is a message that Android displays outside your app's UI to provide the user with reminders, communication from other people, or other timely information from your app. Users can tap the notification to open your app or take an action directly from the notification.

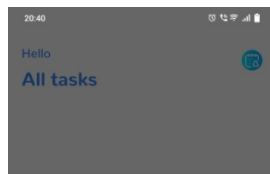
e. Output of the project:

❖ *Home page of the project:*



+ Add Task

❖ *Page to Add the task:*



+

Add a task

Fill the details below to add a task into your TODO

Task title

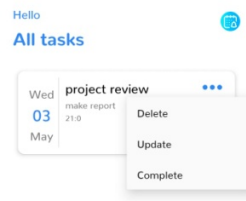
Task description

Task date

Task time

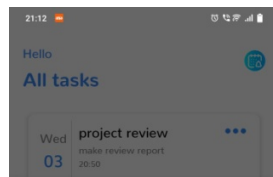
• • • • •

❖ *Page to display the Update,delete,complete icons:*



+ Add Task

❖ *Page to Update the task:*



+

Add a task

Fill the details below to add a task into your TODO

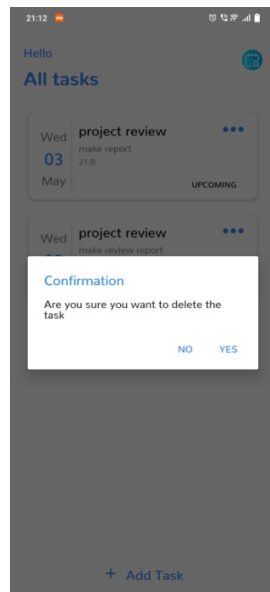
Task title
project review

Task description
make review report

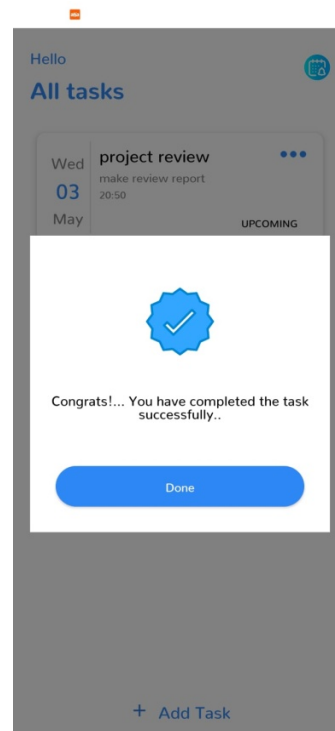
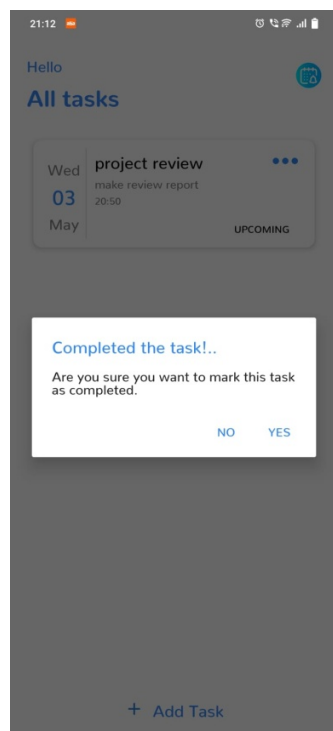
Task date
3-5-2023

Task time
20:50

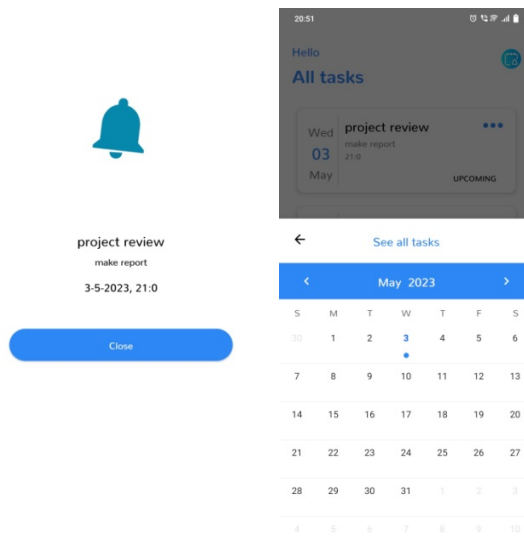
❖ *Page to delete the task:*



❖ *Page to Complete the task:*



❖ *Page to Display alaram and calendar notifications:*



Conclusion:

From this app we can add our daily tasks to perform so that we will get the notification about the particular, So that we finish the task without fail in our busy schedule.

f. Faculty remarks:

Faculty Signature: