



Python Project

Application: Lot to do 📅⌚

Group no: 1

Introduction

we have created an to do list application where you can list your daily task we have used flutter for ui/ux part of our application while adding the task as you can see one has to provide the task description(title) day,date and most important of all location of the place where task has to be done. after adding the task for storing the data we have created a database using firebase all the entered

data will be stored in our database which will later be displayed in task section of our app date and time will be according to system date and time our accuracy of location is set to 500 m so that we will be notified prior to reaching the location so that we do not miss it

Related Studies

#Use “flutter” for-> Studied flutter from flutter docs and some online course

>>basic design of the app

>>giving notification and alarm sounds on reaching the desired location and on time

>>theme to choose between dark and light

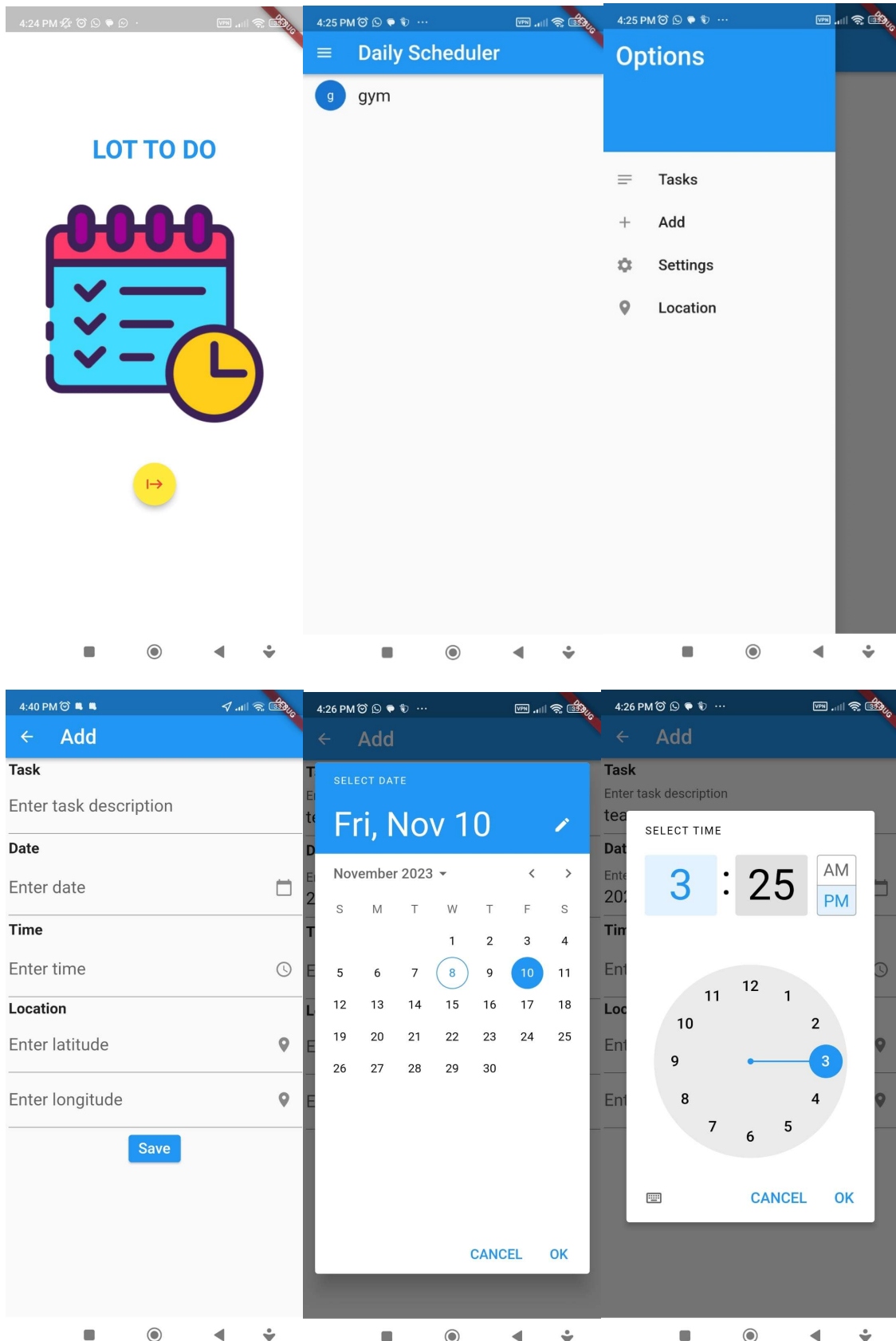
>>to delete the task one can slide right or if task is completed it will be automatically ticked and we can delete it later

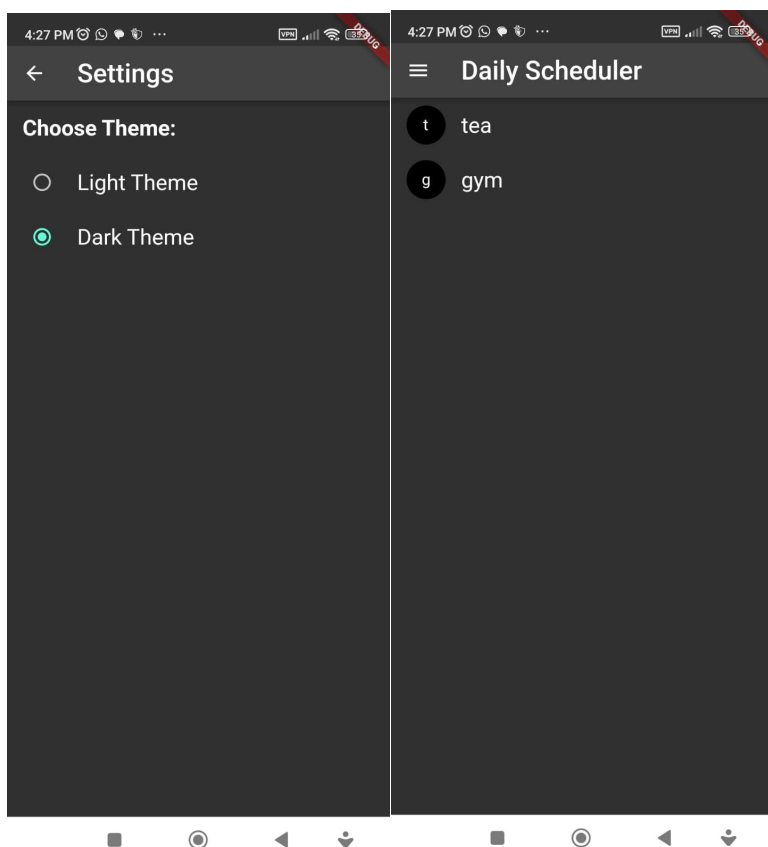
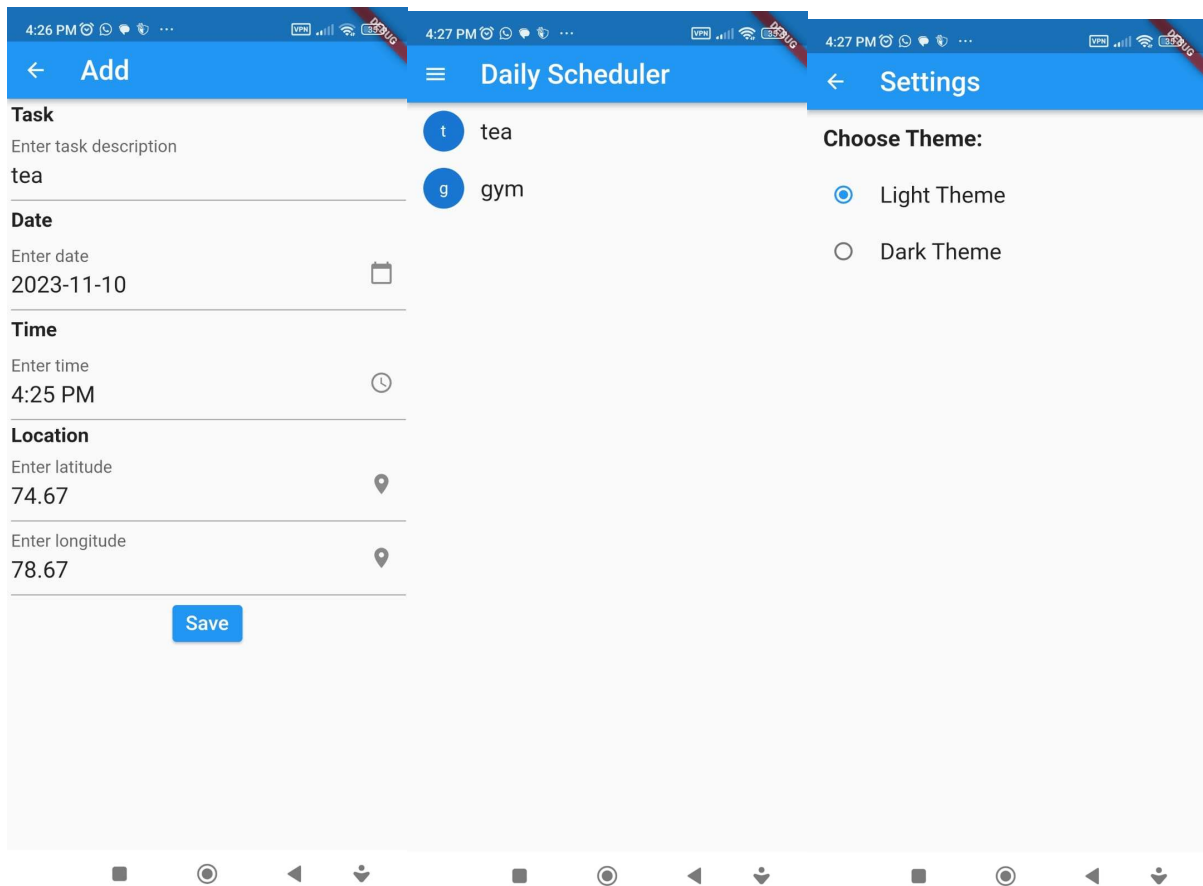
#“Firebase”->

>>handling the data and database that stores previously completed task

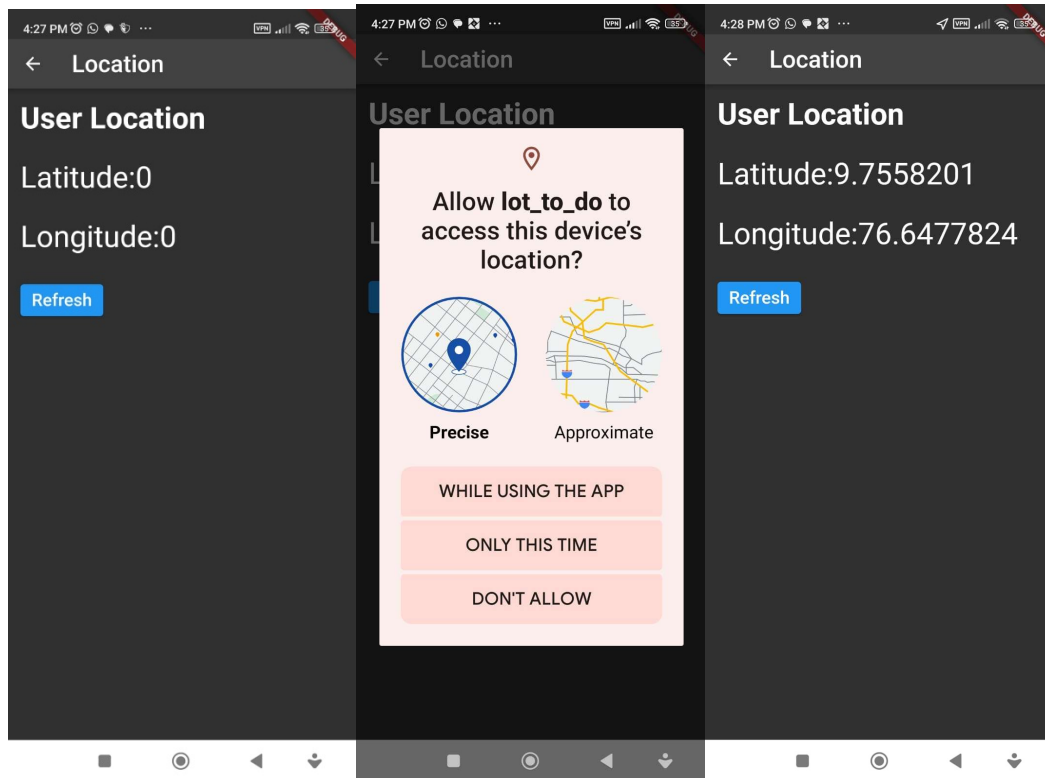
#“Google Api integrate using python for location”

Proposed model

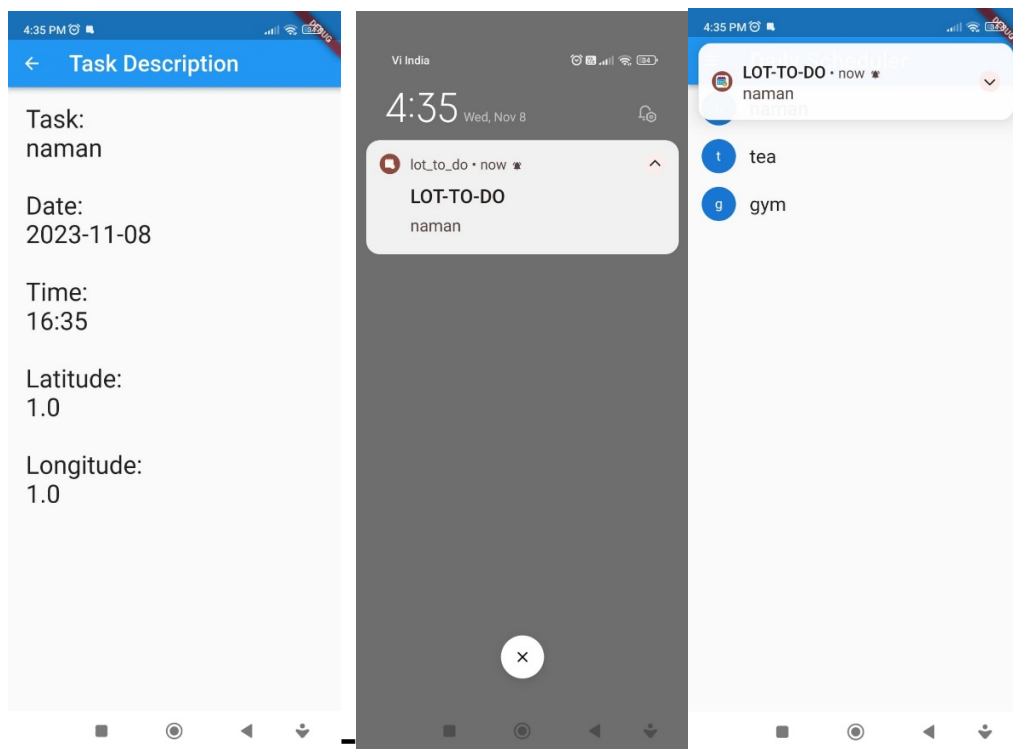




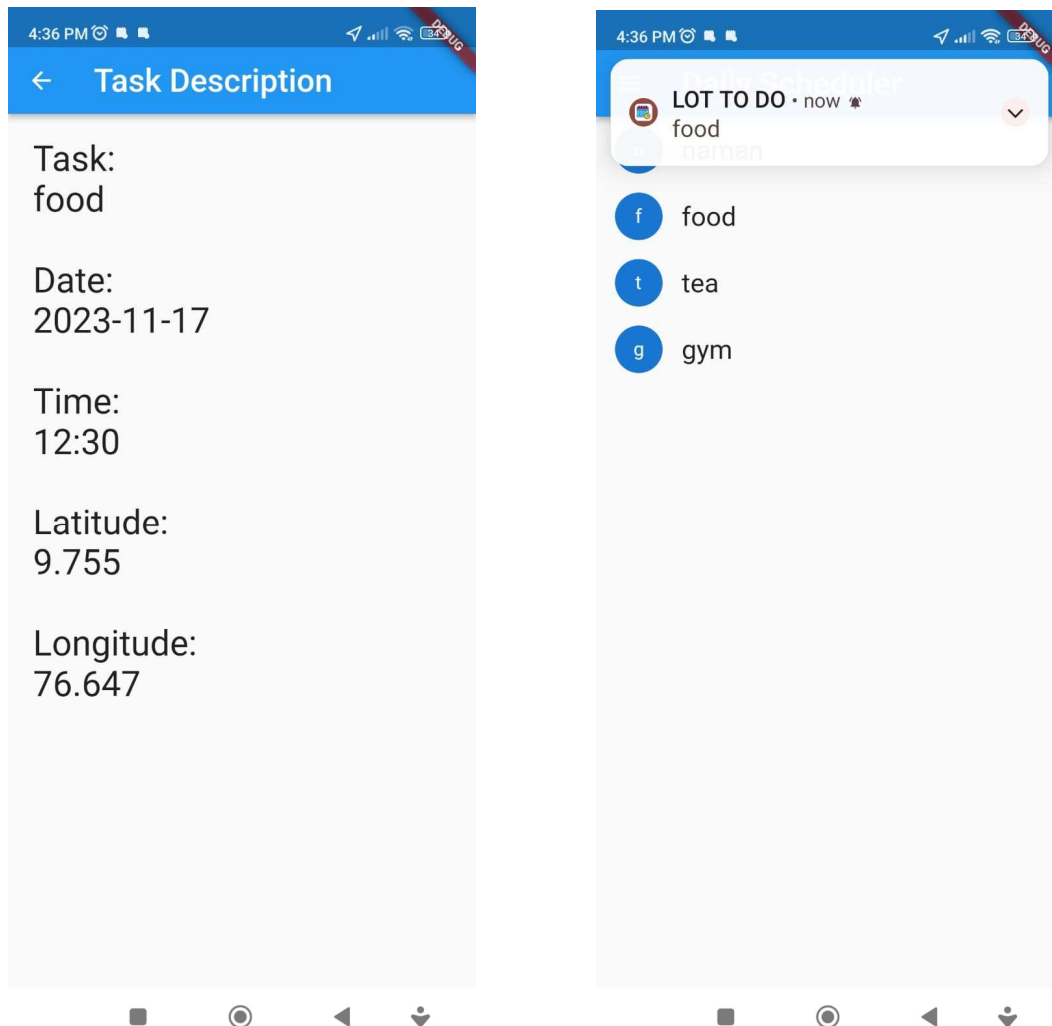
Experimental Results



Receiving Notification on basis of Time entered:



Receiving Notification on basis of location:



Conclusion:

In conclusion, the incorporation of location-based features into our to-do list app has proven to be a game-changer in enhancing productivity and task management. This innovative app empowers users to not only create and organize their tasks but also effectively manage their time and resources by associating tasks with specific locations.

By enabling users to set location reminders, the app ensures that important tasks are never forgotten, and users can make the most of their time as they move through various places. The ability to geo-tag tasks not only adds convenience but also streamlines daily routines.

and errands, making it an invaluable tool for busy professionals, students, and anyone seeking to maximize their efficiency.

Incorporating user-friendly design and seamless synchronization across devices, our to-do list app with location features is the ultimate solution for modern task management. Whether it's planning your day, tracking progress on your goals, or ensuring you never miss an essential task again, this app is a reliable companion that brings organization and time management to a new level.