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Describe any corner cases in the UX.
Describe any libraries you'll be using and share your reasoning for including them.
Describe how you will implement Google Play Services.
Next Steps: Required Tasks
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Task 2: Implement UI for Each Activity and Fragment
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TaskrApp

Description

Taskr is a simple, open source smart task list that makes it easy to plan your day. Whether for work, school or home, Taskr helps you increase productivity and reduce stress.

Intended User

This app is for the people who want to get their life on track and be more productive, by planning their days with a to-do list.

Features

- Saves information locally and on the cloud
- Syncs between devices
- Add new tasks

- Create new lists
- Add description to the task
- Add a reminder for the task
- Widget that displays the desired tasks on the home screen

User Interface Mocks

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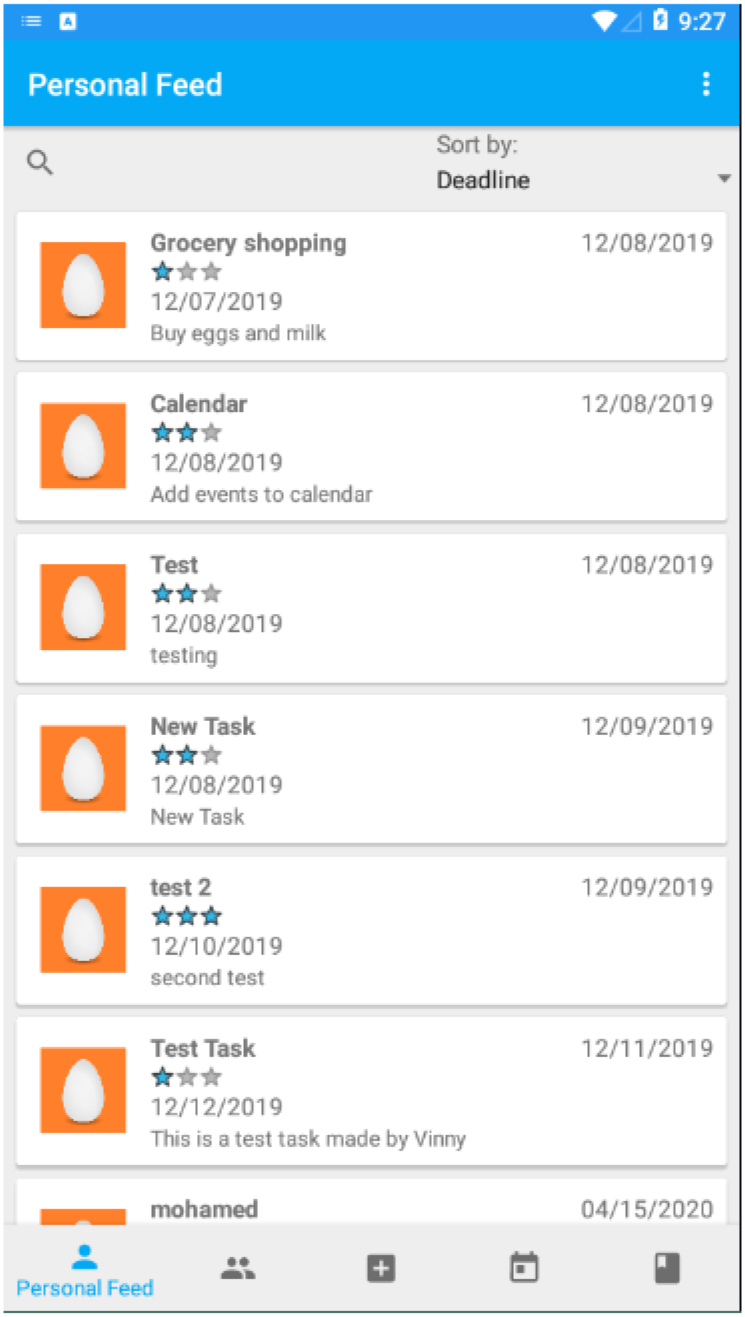
Screen 1



Personal Feed

Sort by:
Deadline

Grocery shopping 12/08/2019
★☆☆
12/07/2019
Buy eggs and milk

Calendar 12/08/2019
★★☆
12/08/2019
Add events to calendar

Test 12/08/2019
★★☆
12/08/2019
testing

New Task 12/09/2019
★★☆
12/08/2019
New Task

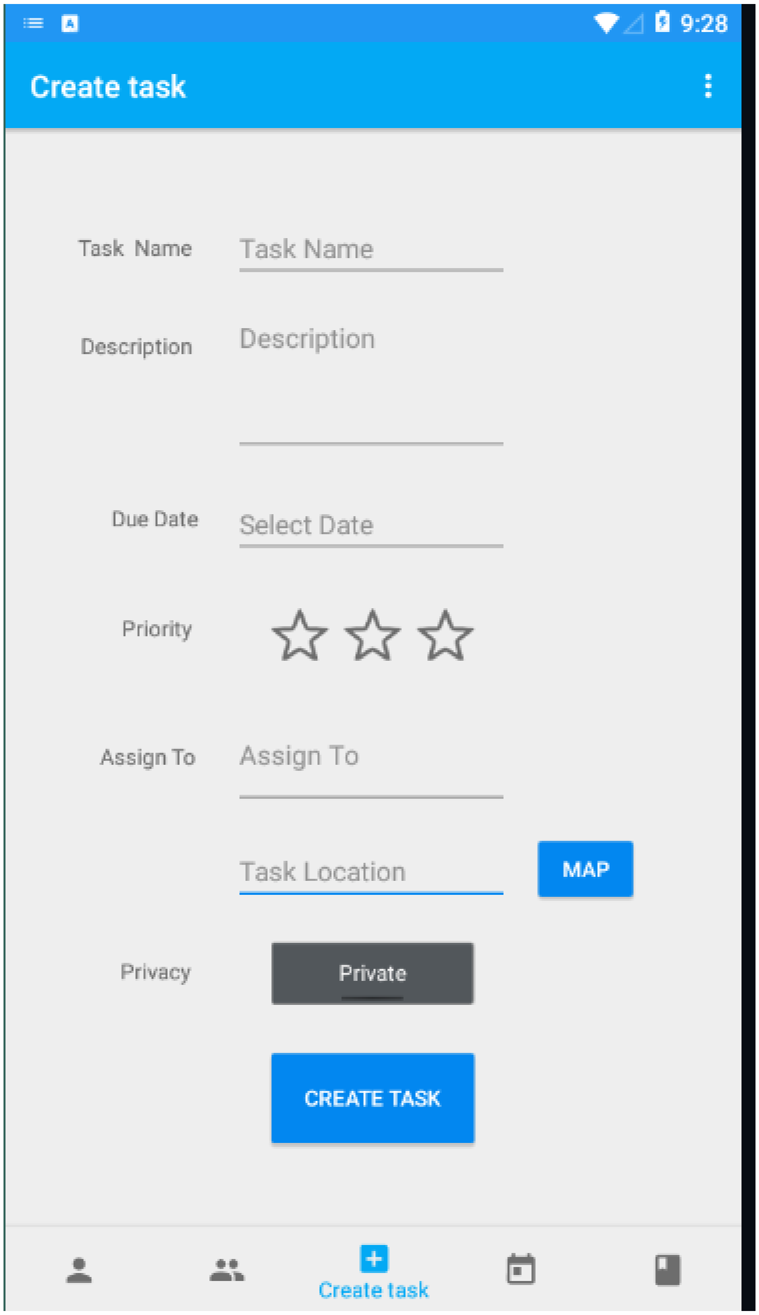
test 2 12/09/2019
★★★
12/10/2019
second test

Test Task 12/11/2019
★☆☆
12/12/2019
This is a test task made by Vinny

mohamed 04/15/2020

Main list has my all tasks and I can search between them and sort them by priority

Screen 2



Create new task with all information I may need

Key Considerations

How will your app handle data persistence?

It uses Firebase Realtime Database to backup and sync data between devices.
If users data is changed in the database, the server(Firebase cloud function) will send an FCM to all users devices. Then the clients will start a background service that will sync the users data with the database.

Describe any edge or corner cases in the UX.

User can swap between tabs very simple app.

Describe any libraries you'll be using and share your reasoning for including them.

Firebase library to import the necessary Firebase services .

Describe how you will implement Google Play Services or other external services.

It will use Firebase Authentication as the login system and the Firebase Database for the database sync.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Create an app project on Firebase
- Insert the Firebase key into the Android project.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for ListTasks Fragments

Task 3: Implement Firebase Database

- Design database layout
- Implement database

Task 4: Implement Sign Up and Login using Firebase Authentication

- Implement Sign Up function
- Implement Login
- Implement Forgot Password / Reset function

Task 5: Implement Task Lists

- Create Display Lists
- Sync list with database

Task 6: Implement Tasks

- Create new task function
- Change task list
- Add a task description
- Sync list with database

Task 7: Sync Database

- On login, sync app with database
- Create a background service that syncs with database