

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[The Home Page with a navigation bar](#)

[Setting a Reminder](#)

[Reminder Detail Activity](#)

[About Activity](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Implement the Content Provider and Database](#)

[Task 4: Implement Main Activity containing flash cards](#)

[Task 5: Implement the Add reminder Activity](#)

[Task 6: Connect Main Activity to Add reminder Activity by using Floating Action Button](#)

[Task 7: Check proper data insertion into the database and implement the Main Activity to retrieve cards from database.](#)

[Task 8: Implement the Reminder Detail Activity. Also add an option of editing the reminder](#)

[Task 9: Implement the About Us Activity, Share App, Rate App function.](#)

GitHub Username: bhaskargurram

Snap Reminder

Description

Just saw a detail and wanna snap it with a reminder? or you want to set a reminder with an image which is dear to your heart?

Then Snap Reminder is the perfect app for you.

Customize your reminders- add details, set a timer, add an image, load image from device, add timer, set frequency of the timer,

Intended User

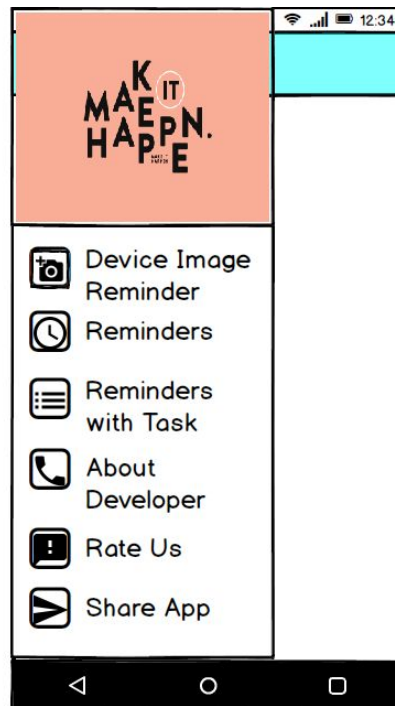
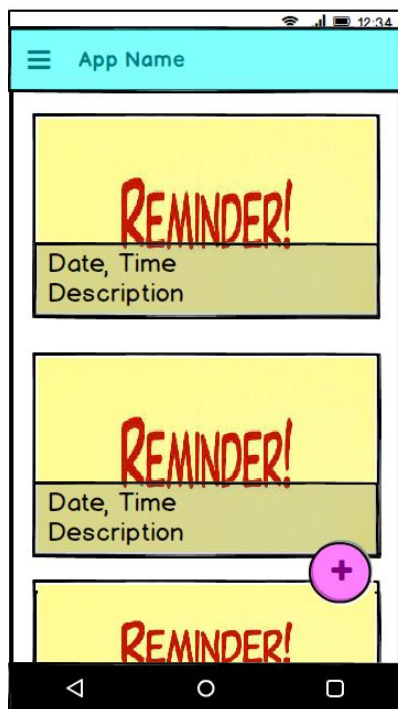
Any general android user, who wants to set reminders.

Features

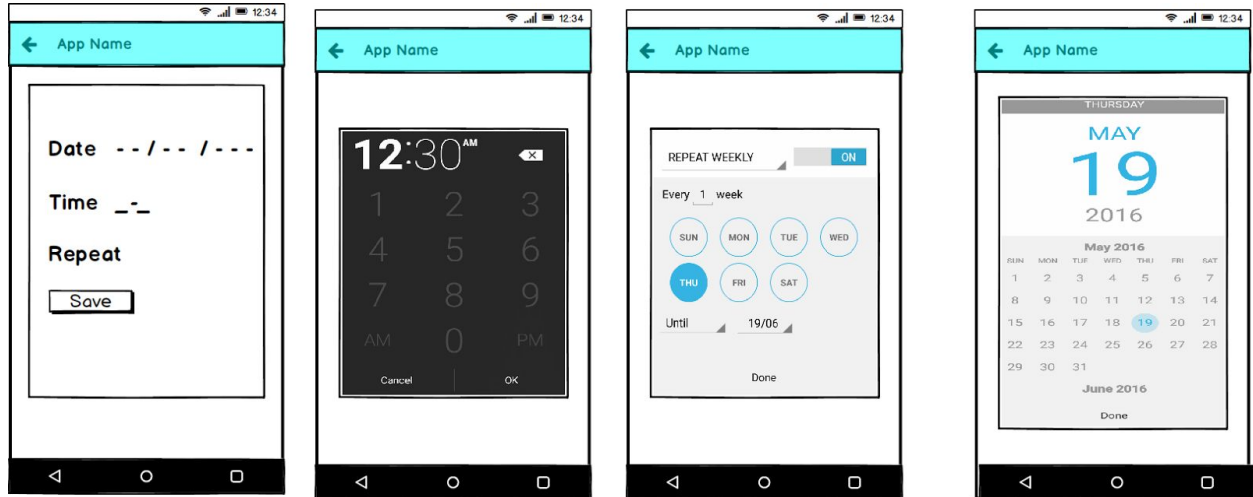
- Can set Reminders with images
- Can add a task list in a reminder.
- Displays flash cards of saved reminders
- Frequency can be adjusted

User Interface Mocks

The Home Page with a navigation bar



Setting a Reminder:



Reminder Detail Activity:

12:34

← App Name

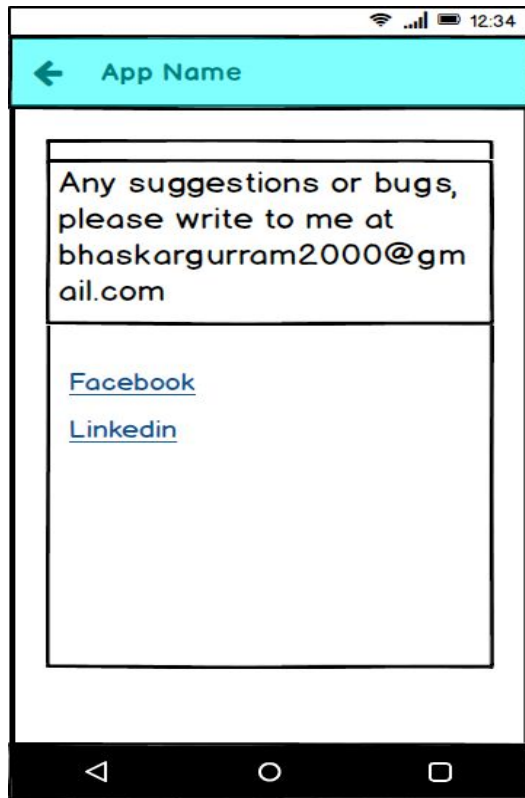
REMINDER!

Date
Time
Days Remaining

Description about the
Reminder

☐ not selected
☒ selected
☐ not selected
☐ not selected
☐ not selected

About Activity



Key Considerations

How will your app handle data persistence?

A Content Provider needs to be created for accessing the database of saved cards.

Describe any corner cases in the UX.

On Starting the application, if there are no saved cards, then a text needs to be displayed on the home screen that “Currently no saved Cards”

If the user presses back button while taking an image, it should return to home screen i.e the screen containing the flash cards

If the user does not wants to set a reminder with an image then a default image needs to be put.

Describe any libraries you'll be using and share your reasoning for including them.
<https://github.com/wdullaer/MaterialDateTimePicker>: A date picker Library to set the date and time to remind the user.

Next Steps: Required Tasks

Task 1: Project Setup

- Import the date picker library properly in the Android Studio
- Configure the strings.xml, colors.xml, values.xml, styles.xml

Task 2: Implement UI for Each Activity and Fragment

- Build all images like application logo and all to be used in the application
- Design the Main Activity
- Design the Detail View Activity
- Design the Add Reminder Activity
- Design the Navigation Bar
- Design the About Developer Activity

Task 3: Implement the Content Provider and Database.

Compress the images and add to database.

Task 4: Implement Main Activity containing flash cards.

Task 5: Implement the Add reminder Activity

- Setting Camera to Snap an Image (ask user with a dialog if he wants a picture with a reminder)
- Option to select image from Gallery or take a picture
- Adding Alarm on the reminder.
- Implementing notification when the reminder alarm is triggered.

Task 6: Connect Main Activity to Add reminder Activity by using Floating Action Button.

Task 7: Check proper data insertion into the database and implement the Main Activity to retrieve cards from database.

Task 8: Implement the Reminder Detail Activity. Also add an option of editing the reminder

Task 9: Implement the About Us Activity, Share App, Rate App function.

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"