Bar-Code Alarm

Bar-Code Alarm is a smart android alarm application that's more effective in waking up people who have difficulty waking up from sleep .

Supports features like scanning bar-code, solving math , etc to switch off alarm , and some more basic features of a normal alarm app .

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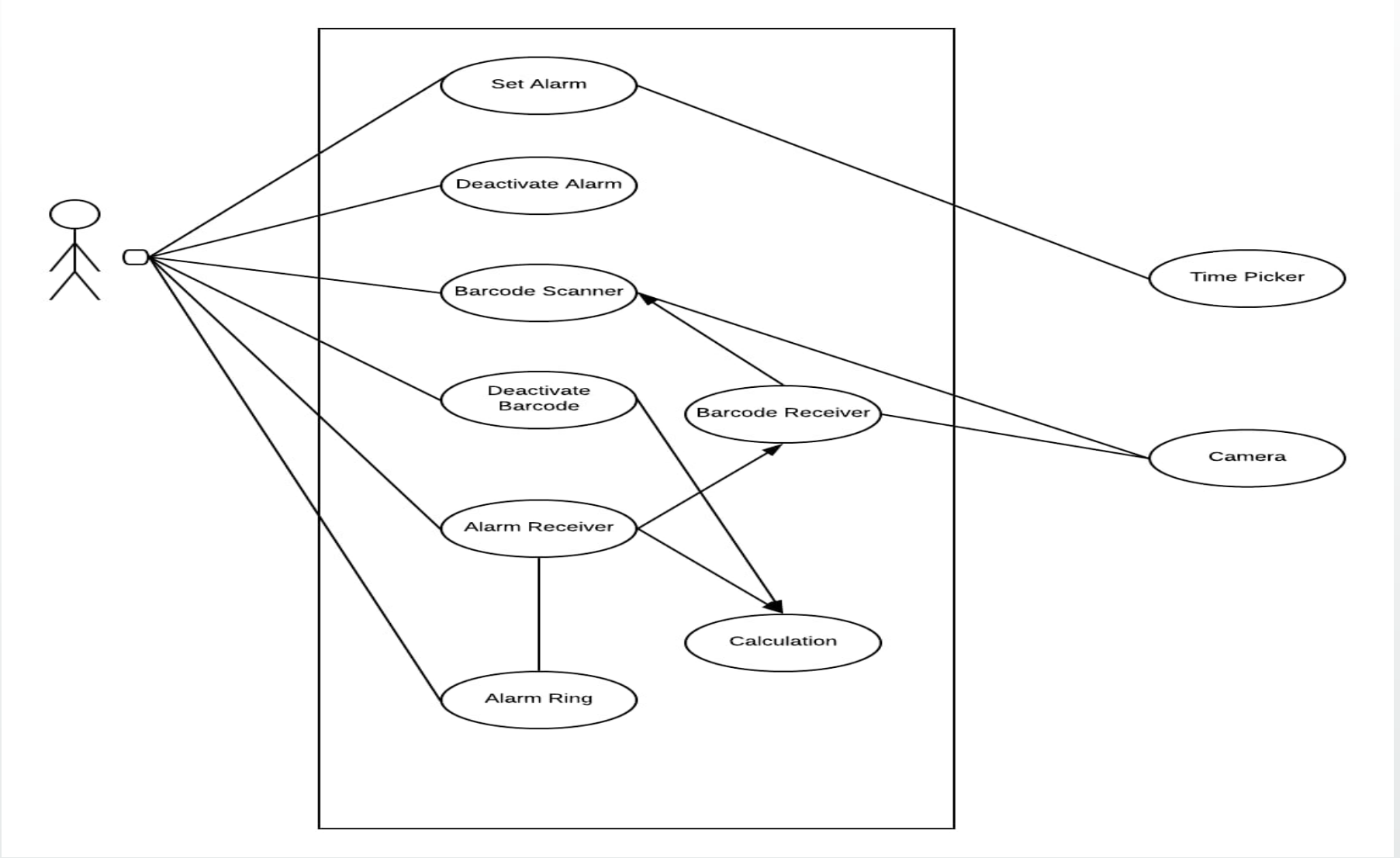
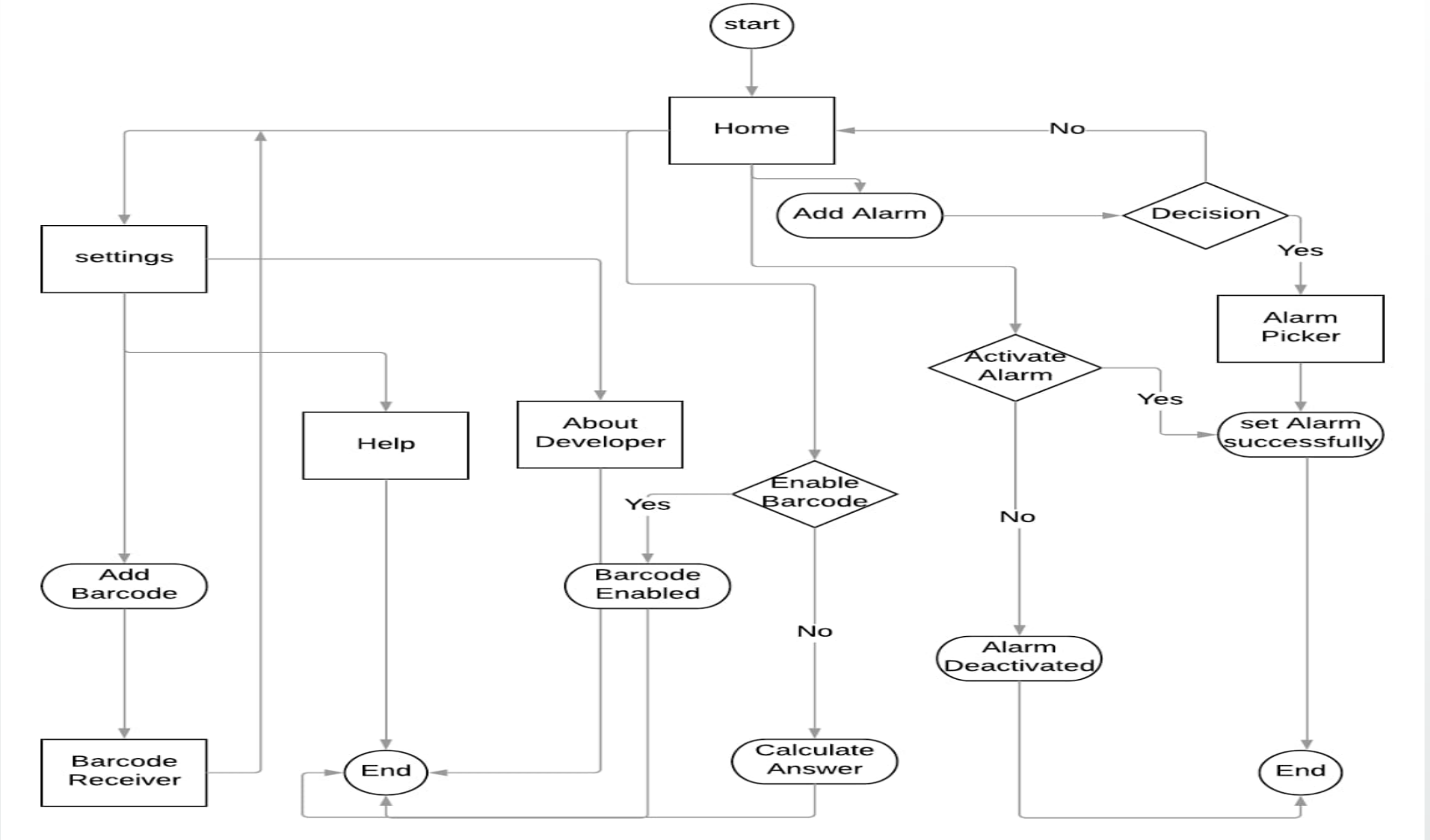
Project Scope and Why it’s needed ?

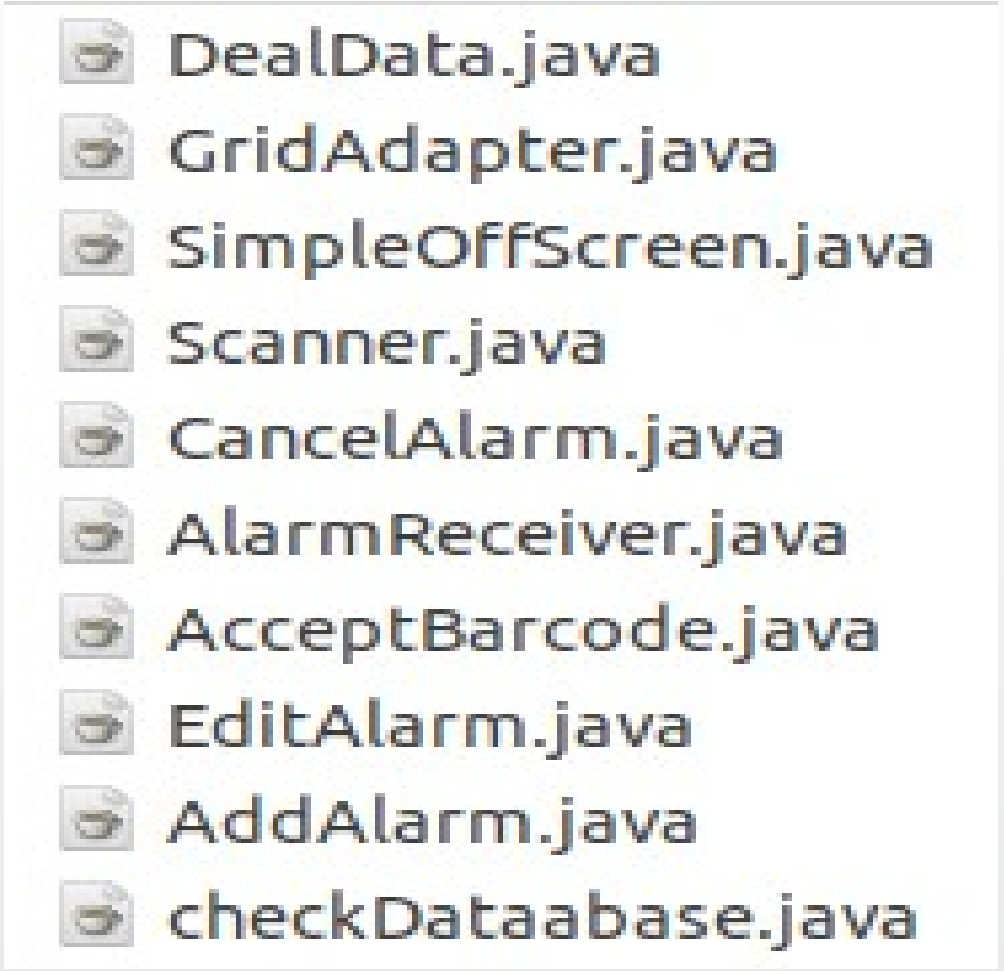
- Many people, mostly teenagers and adults , have trouble waking up at right time , and tend to oversleep .
- Oversleeping has many side effects on mind, body and also daily life activities .
- Research shows that main cause of oversleeping is actually laziness to wake up and move from bed .
- Our application aims to be effective for people who tend to oversleep due to their laziness .

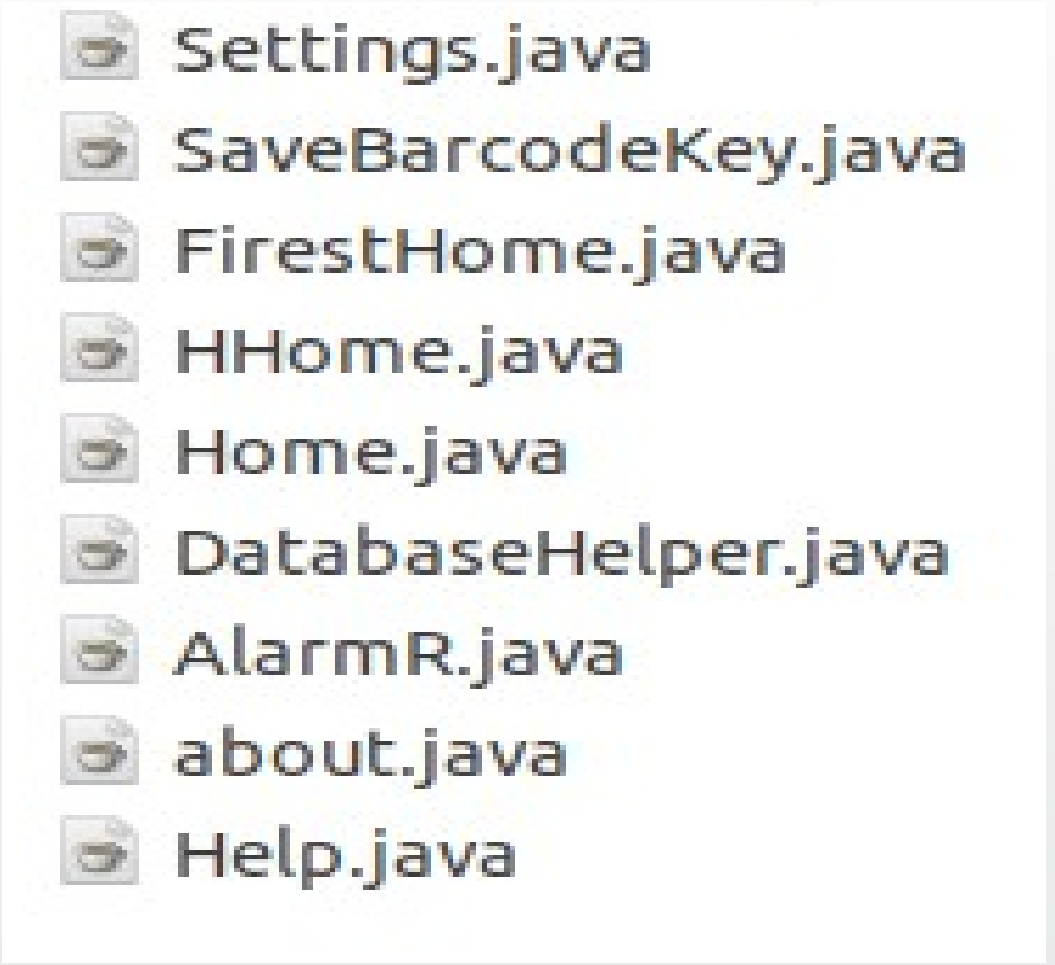
USE CASE DIAG. :-




start
Home
No
Add Alarm
Decision
Yes
settings
Alarm Picker
Activate Alarm
Yes
Help
About Developer
set Alarm successfully
Enable Barcode
Yes
No
Add Barcode
Barcode Enabled
No
Alarm Deactivated
Barcode Receiver
End
Calculate Answer
End

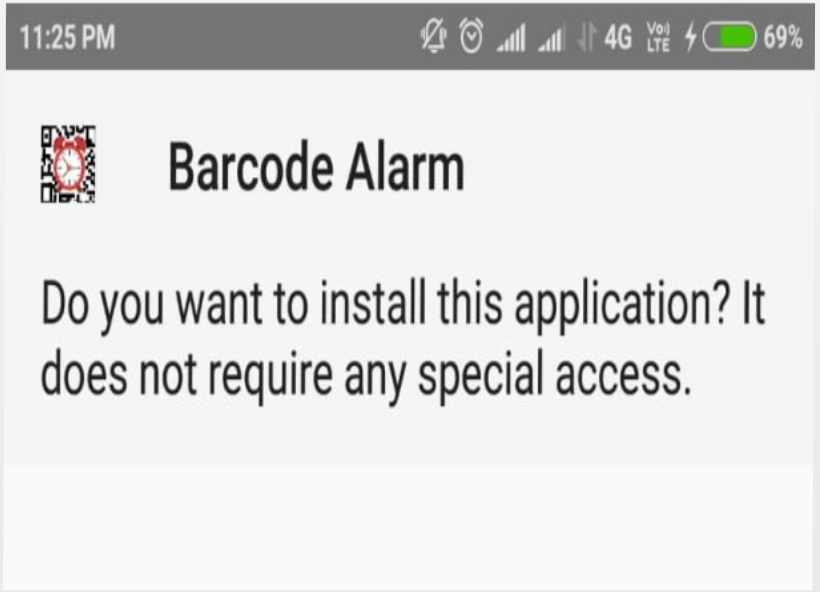
List of CLASSES USED :-





STEPS TO USE IT :-

- Step 1 : Run the ‘.apk’ file to Install the application on android device / smartphone .
- Step 2: Complete the installation and open the app.



- Step 3 : Press the wheel button on top right corner to get access to
  - Adding a bar code : Press this and scan any bar code to add it.
  - Seeing Help page
  - Contributors page
- Step 4 : Press the Plus icon button on top left corner to get access to
  - Adding new alarm : Rotate the hour and minute hand and press it to add a new alarm at that time.
  - Delete an alarm : Same process then press the button .

- Step 5 : Go back to the main home , this is where we can see all the alarms added in the database . Each has 2 options :
  - Turn is on/off : Slide this to choose.
  - Enable Bar-Code : If this is turned on, the alarm will ring until user scans the stored Bar-Code again . Otherwise if turned off, the alarm will ask user to solve math to turn off. Otherwise

For Best benefit keep the Bar-Code somewhere far from bed . This will make the user get up and go to the barcode to switch it off.

THANK YOU