

### 1. Time to sleep reminder.

This app will notify when it's time to go to bed and will also wake you up when it's time to wake up according to the time that the user has set up.

Being a simple alarm app will be too simple. But if you want to make it more into a wake and sleep behavior tracker with a visual graph and DB of sleep so users can see their sleep patterns, that'd make a better final.

- A. The audience of this app could be anyone, but especially people who like to maintain their sleeping schedule can use this app.
- B. Alarm clock. Most of the alarm clock lets you set up an alarm for waking up but does not provide notification when its time to sleep. My app will provide this feature.
- C. This app might use a minimal embedded database since it needs to store user information, their sleep times, custom tones, etc
- D. This app will be free for the users because it will provide a simple solution to keep track of the sleep schedule without any cost.

### 2. Expenses management app

This app will keep track of your expenses. User can enter their monthly expenses and can add their monthly income. If a user wants to buy something that they like, they can look in this app and can see how much money they will have left after all the expenses and then decide whether they can afford it or not.

One major issue would be entering all the data and ensuring the user keeps entering data to keep the app useful. You'll need more than a database to be a good final. It could be a good final if you add a lot more features such as adding bank accounts and bank types and maybe showing graphs of account balances.

- A. The audience of this app is any users who wish to track their monthly expenses and want to save some money before buying what they like.
- B. There are other apps like this, such as Mint, money manager, etc. They have many features and are difficult to use. My target is to make this app simpler to use while providing all features.
- C. This app will use a database for storing user information and the internet.
- D. This app will cost \$0.99 because this app will provide almost every feature that another app has and this app will probably take some amount of time to develop.

### 3. Team Calendar app

This app will be useful for setting the meeting times for teams. All the team members will enter their available/unavailable time and this app will figure out when is the best time to meet so that all team members are available to meet.

- A. The audiences of this app are the people working in a team.
- B. There are other apps such as google calendar, where you can share your calendar with other people and it gets confusing sometimes. This app will just focus on adding time slots of team members and figuring out the best time to meet with team members.
- C. This app will use a database and internet connection.
- D. This app will be provided for free.

You'll also need a server. If you focus on a particular niche instead of duplicating Google Calendar, this might make a good final. You'll also need to have features that focus a lot on scheduling meetings and maybe even throw in other features like GPS and maybe things like directions to make this a good final.