

## **Track Title: Scheduling Application for New Hackers**

### **Track description:**

Many college students struggle with good time management and with effectively scheduling their work and social lives - often they attempt to multitask, but become easily overwhelmed by fitting them all together. Additionally, there are often many events happening that students may not be aware of and therefore do not go. A successful calendar app for scheduling events and showing important local events personalized to the user's likes could help many students improve their organization and allow for more efficient use of their time.

This track focuses on the development of any implementation of a calendar or scheduling tool that allows users to not only keep track of and plan their own schedule, but also adds an implement for events happening at the college or university.

### **Track prompt:**

The solution should be an application that assists with the scheduling and sharing of events and the creator should add whatever features they think are relevant to this end.

### **Ideas for how to get started:**

1. App allows users to create an event
  - a. Event should include the option for the following
    - i. Title
    - ii. Time
    - iii. Location
      1. Maybe link with google maps?
    - iv. People
    - v. Note
    - vi. Attachment
      1. Maybe some work documents to google drive?
2. App allows user to share event with other users
  - a. Event should be able to be shared with other users/social media site event
    - i. Include Facebook/Google Link Calendar Link?
      1. Google Calendar API
        - a. <https://developers.google.com/google-apps/calendar/overview>
      2. Facebook Event API Example
        - a. <https://developers.facebook.com/docs/javascript/examples#dialogs>



- ii. Share with email?
- 3. App allows user to set weekly goals/events
  - a. App should automatically create event based on number of times a week and duration. The feature should include
    - i. Goal Title
    - ii. Event
      - 1. Examples
        - a. Exercise
        - b. Learning/Reading
        - c. Family Time
        - d. Organization
    - iii. Duration
    - iv. Ability to share with friends
      - 1. Email?
      - 2. Facebook?
- 4. Other Features
  - a. Add features that are out of the box/useful
  - b. Creativity/Utility will differentiate one application from the other
- 5. Aesthetic Design of App
  - a. App should have aesthetic appeal
    - i. User Interface
      - 1. Color
      - 2. Layout
    - ii. Navigation
      - 1. Animations
      - 2. Menus

## **Sample code/startup solution:**

<https://github.com/hack-rice>

## **References:**

<https://scotch.io/tutorials/build-a-real-time-scheduling-app-using-angularjs-and-firebase>