

# Purple Nut Milestone 2

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## 1. Features

- a. Create a user account
  - i. When a user first enters the application, they will need to create an account. This is how the website will track who has signed up for what event and for users to know who they are interacting with.
- b. Create events
  - i. When an event is created, store it in the event database, which includes information such as name, location, contact details, type of event, etc.
  - ii. Be able to display this database in a visually appealing form such as a feed on the main page.
- c. Sign up for events
  - i. When the event is created, the user has the ability to be part of the event. By doing that they will get notifications for the event and be able to see who else is part of the event.
- d. Receive notifications from event coordinators and/or group messaging with attendees
  - i. The notification feature is meant as a reminder so that the user will not forget to attend what they signed up for.
- e. Follow users
  - i. After using the website and you meet an individual or group of people that you enjoyed doing the activity with, you have an option to follow them. This will allow you to see what they sign up for and continue to do activities with them.
- f. See events popular with those you follow
  - i. If you enjoyed doing an activity with certain people, then you are likely to like other activities that they like. This feature helps users identify other activities they might not have otherwise seen.
- g. Filter event calendar
  - i. With many different activities being set up, it can be hard to find what you are looking for. This feature allows people who know what they want to go exactly to those events without having to surf through a sea of other events they are uninterested in.

## 2. Requirements

- a. Create a user account
  - i. Functional
    - 1. Input user name and password
    - 2. Add personal information
  - ii. Non-Functional Requirements

1. Passwords are stored securely using a hash method
- b. Create Events
  - i. Functional
    1. Allow signed in users to post public events
    2. Allow regularly recurring events
  - ii. Non-Functional
    1. Store event data in a database with the following data types:
      - a. Name
      - b. Date
      - c. Location
      - d. Description
      - e. Recurring Information
      - f. more...
- c. Sign up for events
  - i. Functional
    1. Display information/description of the event
    2. Allow signed in users to indicate there intention of participating in certain events
  - ii. Non-functional
    1. Update database for said event
      - a. member count
      - b. include said user to member database of those who plan on participating
    2. send reminder to users in database
- d. Follow users
  - i. Functional Requirements
    1. Allow users to search and view other users profile
  - ii. Non-Functional Requirements
    1. Store a list of followers and followees for each user
    2. Display only public data. The users own profile should be a different page view than viewing another user's profile.
- e. Filter event calendar
  - i. Functional Requirements
    1. Filter by events popular with users you follow
    2. Filter by day, location, if its recurring, etc.
  - ii. Non-Functional Requirements
    1. Create an option panel in html
    2. Translate to SQL and filter data
- f. Notifications
  - i. Functional Requirements
    1. Notify users of upcoming events that they have signed up for
  - ii. Non-Functional Requirement
    1. Create a table for each user storing all notifications

2. Each notification should have a read field so the user can be alerted of new notifications while still having access to their notification history

### 3. Project Plan

- a. We will be using a trello board (Kanban Board) to monitor progress of features.
  - i. [Trello](#)

### 4. Github Info

- a. [Milestones](#)
- b. [Project](#)