

CSCI 3308

Team Number: 105-4

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## Milestone 2

Project Features list:

- Event Listings
  - The software should be able to access a list of different events in a city or surrounding area and categorize them by genre or type of event.
- Unique Accounts
  - Ability to create and delete a personalized account
  - Set preferences that are saved to your profile that impact the Event Listing page
- Event Suggestion
  - Ability to understand users interest and suggest events based off of what they enjoy doing.
  - Allow users to manually remove events from their lists if they do not enjoy them, and would rather not see them suggested.
- Communication between users
  - The software should allow users to comment on the event and discuss it with other users.
  - Users should be able to send event pages to their friends, in case they were unaware it was happening.
- Notifications
  - The software should push a notification to the user when an event they selected is about to begin
  - Using the event suggestion a notification can be pushed to users for events they might want to attend in the future.
- Search by categories
  - Software should allow user to search by the category of events they wish to attend
  - Examples of search options: Music, Comedy, Politics, etc.
    - Once we have these broad categories we can then narrow by sub categories, such as genre of music.

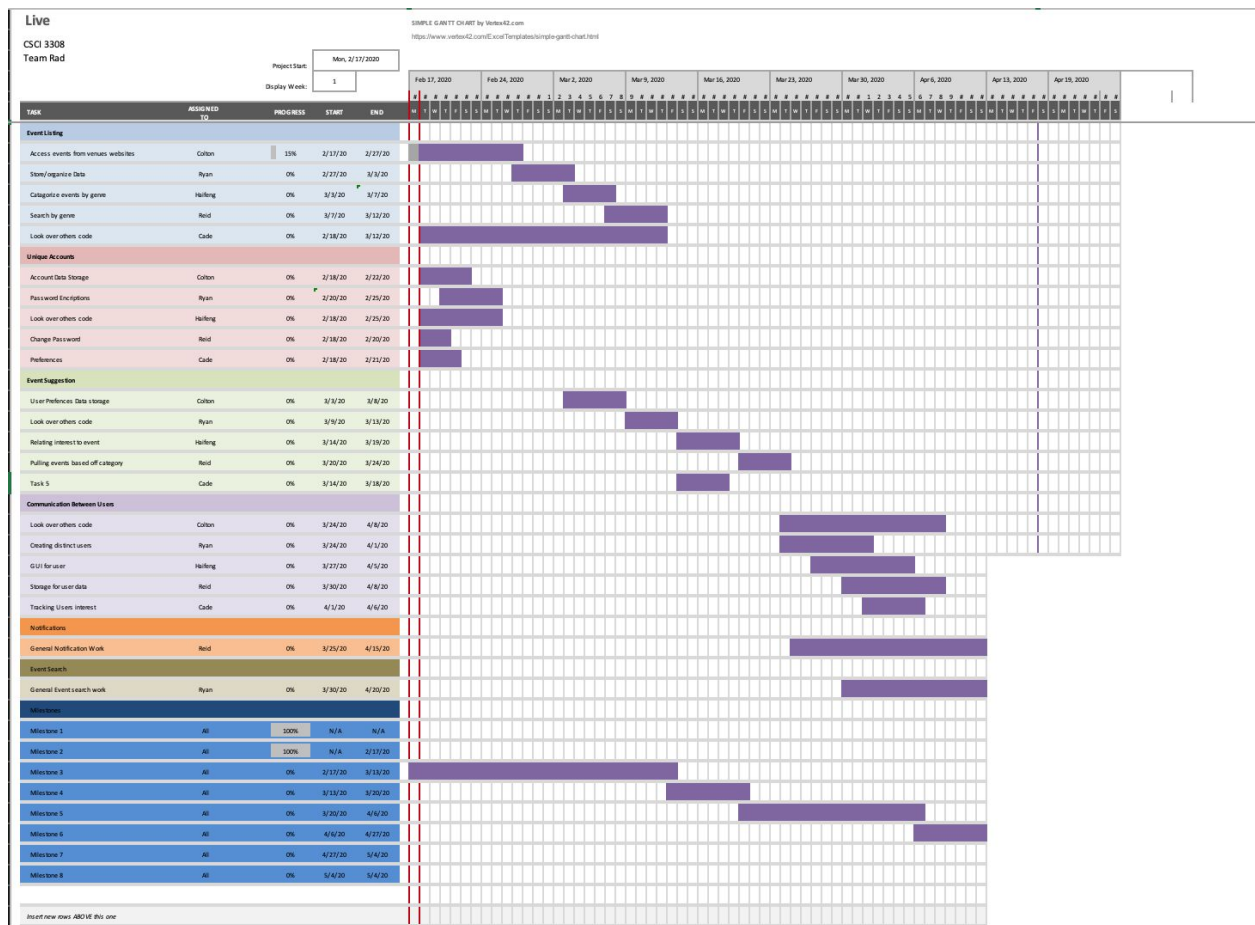
Requirements:

- Event Listings
  - Functional
    - Builds a list of events
    - Sort the events into genres and types of events
  - Non-functional
    - Searches facebook and other sites to gather a list of events nearby
    - Uses regex expressions to search events and categorize them
- Unique Accounts
  - Functional
    - Ability for user to create account
    - Ability for user to delete account
    - Change password?
    - Ability for user to set preferences that will impact their event listing page
  - Non-functional
    - User information is stored securely (passwords are hashed)
    - Multiple users can use the site with little to no performance impact
- Event Suggestion
  - Functional
    - Uses user preferences and past information to suggest personalized events
    - Ability to remove events the user is not interested in to tailor future suggestions
  - Non-functional
    - Recommend related events to the user based on past interests
- Communication between users
  - Functional
    - Comments on events are displayed in real time
    - Ability to send events through chat
  - Non-functional
    - Users can comment and view comments on events
    - Users can send events to other users
- Notifications
  - Functional
    - Builds a list of user selected schedule events and the events'

start times and pushes notifications when the event will begin

- Ability to remove/add events from notification list
- Non-functional
  - Notifications are pushed to user C
- Search by categories
  - Functional
    - Allows users to search for events
  - Non functional
    - Events are neatly categorized and have sub categories allowing for easier searches for the user

Project Plan:



Excel document in repository