

CSCI 3308

Team Number: 105-4

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## Milestone 4

Revised list of features:

### Old 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 on 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 genres of music.

### New features list:

Priority:

- Event Suggestion
  - Ability to understand users interest and suggest events based on 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.

- 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 genres of music.
- 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

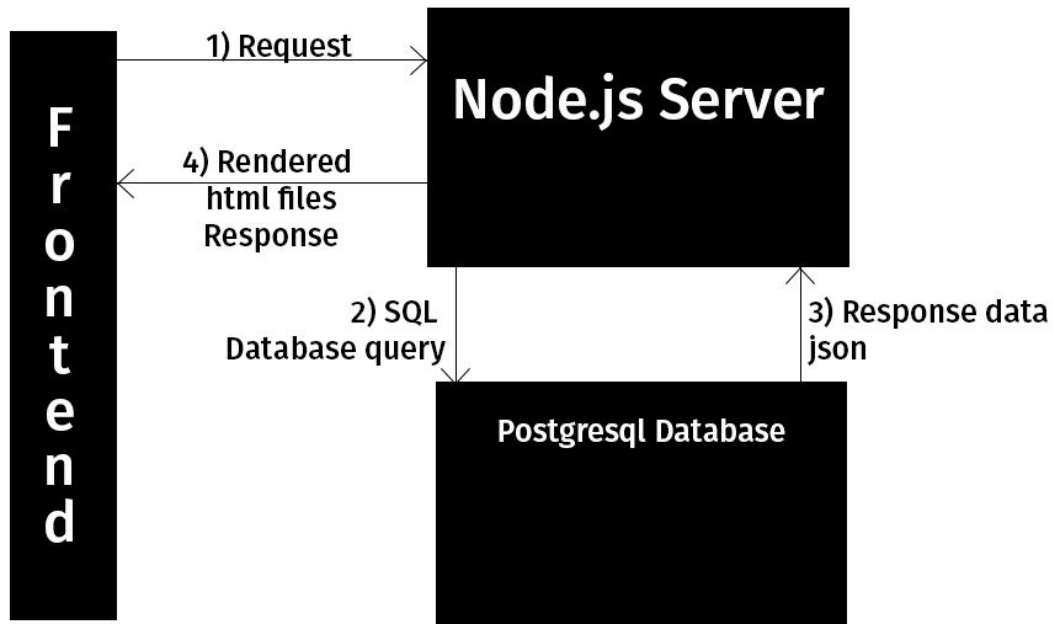
Non priority:

- Communication between users
  - The software should allow users to comment on the event and discuss it with other users.
- Notifications
  - The software should push a notification to the user when an event they selected is about to begin
  - Using the event suggestion as a notification that can be pushed to users for events they might want to attend in the future.
- Create personal calendar of your events
  - User should have a comprehensive list or calendar of the events they have checked as attending
- Removing/adding of interests:
  - Users should be able to edit if the interests that they like and don't like, in case their tastes change over time while using the software.

What changed:

We decided to remove the feature of direct messages between the users. It seemed redundant since this is not meant to be a social media app, it is meant purely for the one user to receive suggestions of events. However users are still able to communicate using the comment section connected to every event page. We also decided to add a few new features that were not listed before. We wanted to have a calendar made that shows all events the user has marked 'attending'. This will allow for greater organization when navigating events. Another feature we added was the ability for the user to edit their interests. This is in case they want to broaden or narrow their results.

### Architecture diagram:



### Front End Design:

Below is the general design of our front end pages we are currently envisioning for our software. This includes our event, landing, profile, and preferences pages.

## Default Event Page

Nav Bar

Event Name

Event Picture

Date and Time of Event

link to buy tickets

Description of Event

Link to event page

Chat Log

▲  
▼

Enter Your Comment

Submit



## Profile Page:

NavBar

Profile Picture

Link to User Pref Page

Short Description about user

My Favorite Events

Event name	Genre	Date
List of Favirote Events		
Link to Saved Events		

Suggest Event

◀ Scrolling list of Suggested Event ▶

## User Preferences Page:

Nav Bar

Genre Name

Like

▼

Dislike

List of SubGenre to select

Onclick of like button

Genre Name

Like

▼

Dislike

Finish (link back to home page)

**Web Service Design:**

We are currently not planning on using any web services api's. Though this may change in a production setting when we explore ways to scrape data for the site. As of now though we will mostly be using test data for development.

**Database Design:**

As shown in our diagram above (under architecture diagram), we will be using a postgresql database as our backend of the software. We'll use json to send the response data to the javascript node. This will work as our communication between the front and back end. We will then be using html and .ejs files in the front end to display the data pulled from the database.