CSCI 3308
Team Number: 105-4
Team Name: Team Rad
Members:
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       Ryan Jones
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       Cade Gorman

Application Name: "Live"

Application Description:

An interactive event scheduler that searches through countless venues around the customers area to provide them with the perfect event to attend on their night off. This will work by organizing local events into categories, ranging from music, comedy, political, art events, and more. We will allow more customization for the user to filter out events or artists they dislike, so they no longer have to pour through different websites, searching for what to do. We hope to open up our customers to more activities happening in their area, and allow them to communicate with others who share their interest.

On top of this idea, we would like to create a forum for people to discuss the events through comment sections. This will allow the customer to create a profile where they can then have discussion with similar fans attending. Having customers have their own account will also allow for tracking of what the customer likes and interests so new events can be suggested to them. We can also plot out expected attendance for events based on the number of users interested.

The main focus, however, is to give the user awareness of live events that they may want to attend. We want a database that is visually appealing and easy to navigate so users can attend their favorite events

Vision Statement:
"To provide our customers with the best night out, curating to their specific needs"

Version Control:

We have created 3 github repositories for meeting logs, milestone submissions, and project content. This will allow all numbers to access important information on the project at all times. Also, all members will have access to the code required in creating the project, so in and out of meetings everyone is capable of contributing. Below is a photo confirming all members have access to our project repository.

Link to git for code/components: https://github.com/rjones2598/CSCI_3308_Project.git
Link to git for project milestones: https://github.com/cooc7565/csci3308_Project_Milestones.git
Link to git for team meeting logs:
https://github.com/cooc7565/csci_project_team_meeting_logs.git
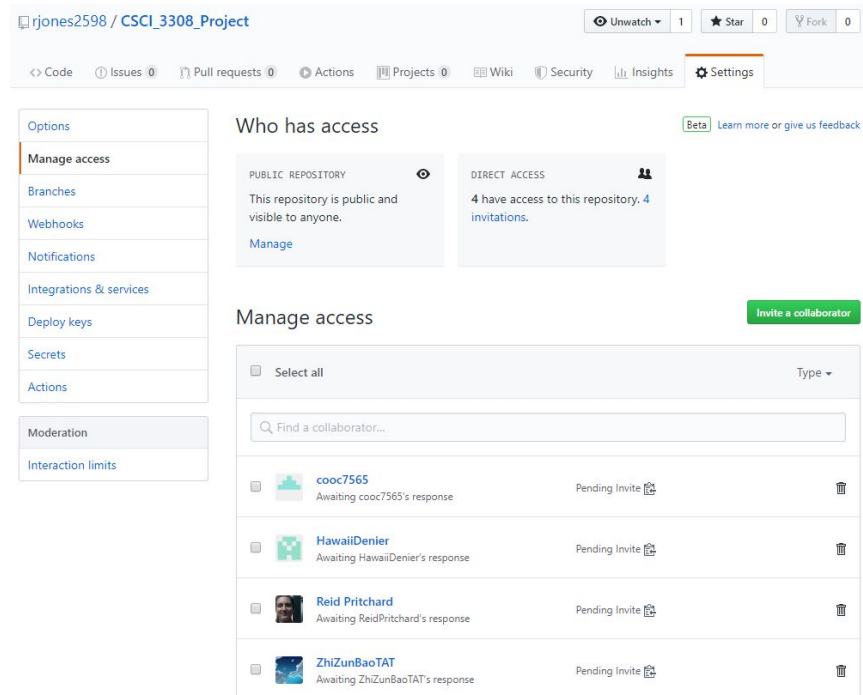
Development Method:

For our software development, we decided to approach the project with an agile-interactive. The benefit here is that there is more of a focus on customer satisfaction and response to changing and adapting the project. Since our project has many different features to better user experience, we want to have open communication with potential customers so we can best adapt the software to fit their needs.

Our focused application is to provide information about events to users of the software. Though, as we stated above, we have some more ambitious ideas and additions that can allow for a better user experience. Since we plan to have advancements to our product over its development, we decided to use this agile method since it allows for customer feedback and multiple iterations.

Communication Plan:

As a team we decided to create a Slack workspace for our project. This is an easy way to communicate and provide feedback across our whole team. Members can be notified individually for smaller requests, and large announcements can be sent to the whole team for more important information. This allows everyone to remain in the loop when approaching deadlines. Along with using Slack to communicate outside of meetings, we will once a week be getting together for a 2 hour meeting on Thursdays from 1-3pm. This is where we get the bulk of our work done together. As for deliverables, such as Milestones and other documents to provide to our TA, we will be using 3 git repositories, one for meeting logs, one for milestones, and one for code sharing. This was we all have access to the written reports we need, and we all have the ability to check and edit them individually.

Proposed Architecture Plan:

Database: Postgresql (multiple dbs or multiple tables to separate users and events?)

Backend: Node.js used to manage the interaction between database and frontend. Also used to scrape information from specific websites and store the scraped info in the database. Meaning the scrapers don't have to run every time a user looks for events. REST api connection with frontend.

Frontend: HTML/CSS with js or jquery

Meeting Plan: Our team has agreed to have a face-to-face meeting 1pm-3pm Thursdays at Norlin Library. We hope to be able to sign up for a meeting room that we can obtain weekly inorder to mitigate noise and stay focused on our project, as well as bounce ideas around each member.