**Progress Report**

**- Increment 1 -**

**Group #31**

# Team Members

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1. **Project Title and Description**

CraveRank is a full-stack -web application that helps users discover top restaurants based on their location and food preferences. By default, it displays the five best-rated restaurants nearby, with the option to refine results using various filters. Users can also create an account to save their personal preferences and past search queries, allowing for a more tailored dining experience.

1. **Accomplishments and overall project status during this increment**

We have accomplished creating a database and utilizing the Yelp API to do so. We have also created a few pages that are connected and created a great design.

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**
2. We had struggles with getting the API key and securing it.
3. We had trouble connecting the API to the data. The queries were not being generated correctly at first.
4. We had issues with figuring out what kind of design we wanted for the homepage and what colors we were planning to work with throughout the project.
5. The database was difficult to connect to because of the name.
6. **Team Member Contribution for this increment**
   1. **Progress report:**

* **Jayna Spikes**: Worked on 5d, 6,
* **Donald Walton**: Worked parts 1 through 8
* **Brunas Joseph**: Worked on 3, 4, 5a, b, c and d, 6, and 8.
* **Kesnel Mezinord**: Worked on part 3, 4, 6
* **Mihye Lim**: Worked on the format of the document, part 5 and 6.
  1. **Requirements and design document:**
* **Jayna Spikes**:
* **Donald Walton**: I contributed to the backend by keeping up to date standards for the database.
* **Brunas Joseph**: I contributed to the frontend by helping design the navigation page and clean up the CSS code to help keep the design consistent through multiple pages.
* **Mihye Lim**: I contributed to the frontend by giving out ideas for how the home page will look like.
* I contributed to making the format of the login and signup of the page.
* **Kesnel Mezinord**: I made a figma document to format the structure.
  1. **Implementation and testing document:**
* **Donald and Jayna**: tested yelp’s API to see if it is imported inside the database.
* **Brunas and Kesnel**: Testing out the Login.html, signup.html, and navigation.html pages to see if they all can connect to each other properly.
  1. **Source code:**
* **Brunas Joseph**: I contributed to the front-end HTML pages and CSS code. I created the navigation.html page with the display of the navigation bar and a login button. I also helped clean up the style.css code to be specific colors and allow more items from all three HTML pages to work properly with one CSS code. I also fixed the Login.html and signup.html pages to match the consistent design of the site.
* **Donald Walton**: I contributed to the Backend part of the project. I created the MySQL database and built the structure of the database where my members can use yelp’s API for integrating data into my database.
* **Jayna Spikes**: Implemented backend and created functions to insert restaurants, categories and reviews into the database. Tested out API key and endpoint in Postman.
* **Kesnel Mezinord**: I wrote the login and signup in the HTML/CSS source code.
  1. **Video or presentation**

Everyone contributed to the video. Brunas edited and compiled the video.

1. **Plans for the next increment**

**Kesnel Mezinord**: I am planning to implement discussion post and tools that the user can utilize to interact with other users.

**Donald**: I am planning to create functions where the user can enter their information to sign up and login into CraveRank. This will allow users to make personalized accounts based on their internists in food.

**Brunas**: I am planning to add a search bar to the navigation page and to help Mihye with setting up the home page to have different example restaurants around the user’s location that they could go. I also am hoping to play around with the CSS more to see if we want to have a more minimalistic mode for the user.

**Mihye**: I am planning to design and implement the home page in detail. I also want to have a draft of the different modes (default, dark, minimalist).

**Jayna**: I’m planning to connect the backend to the frontend so users can search for restaurants, and then have those restaurants saved in the database.

1. **Stakeholder Communication**

**Subject:** CraveRank Project Update – Progress & Current Status

Dear Stakeholders,

I hope this email finds you well. I am pleased to share an update on the progress of the **CraveRank** platform, designed to enhance restaurant discovery through personalized recommendations and intuitive search functionality.

Project Progress:

* **Core Search & Ranking System:** The foundation of our search and ranking algorithm is in place, ensuring users receive top restaurant recommendations based on location and preferences.
* **User Experience Enhancements:** We have implemented filters allowing users to refine searches by price, cuisine, and rating for more tailored results.
* **Account & Personalization Features:** Registered users can now save past searches and favorite restaurants for quick access.
* **API Integration:** CraveRank successfully pulls real-time data from external sources, ensuring restaurant listings remain up to date.
* **Mobile Optimization:** The platform is fully responsive, providing seamless access across devices.

Current Focus and Next Steps:

* **Performance Optimization:** We are fine-tuning response times to ensure recommendations are delivered instantly.
* **Security & Reliability:** Implementing additional measures to safeguard user data and enhance system stability.
* **User Testing & Feedback:** Gathering insights to refine the interface and optimize usability before the next development phase.

We remain on track with our milestones and look forward to sharing further progress soon. Please feel free to reach out with any questions or feedback.

Best regards,  
CraveRank Development Team

1. **Link to video**

[**https://youtu.be/9jiUO9y348U**](https://youtu.be/9jiUO9y348U)