**Progress Report**

**- Increment 2 -**

**Group #20**

# Team Members

Nicole Johnson, Ntj21a, Nicolej11

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1. **Project Title and Description**

The name of our project is YUPP. Our project is going to be a website application that helps people find the best deals on food in town. Using location services, a user can see what restaurants or fast-food places near them currently have promotions, the percentage they can save, and a comparison between similar restaurants. The user can search by restaurant name or cuisine.

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

During this increment, our team made significant progress on our web application, YUPP, aimed at displaying the most affordable meal deals nearby. We successfully completed the front end, implementing key components like the restaurants tab, mission tab (to share our goals), home page, FAQ, contact us page with a reply form, and a login tab for user authentication. In addition, we began groundwork for the back end, setting up foundational elements to store restaurant data and manage user information and logins.

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

This increment presented a few challenges, primarily related to coordinating team meetings. Unlike the first increment, where we met in person on campus, scheduling became complicated due to team members' travel commitments, requiring us to transition to virtual meetings. We overcame this by using FaceTime for remote collaboration, which allowed us to stay connected and productive. In terms of changes, we decided to add a login feature, as we felt confident in our time and resources to support it. Additionally, instead of integrating an external API, we opted to build a custom, in-house API as a proof of concept, manually inputting data to keep it simpler and demonstrate our app's core functionality. This approach keeps our scope manageable while showcasing our idea effectively.

1. **Team Member Contribution for this increment**

Tanner Rohloff:

RD document #6, and #7, progress report #7, video part d, source code, frontend of login page

Nicole Johnson:

RD document #2, #3, #4, and #5, video part e, source code, frontend our mission page, media queries

James Tanner:

progress report #1, #2, #3, #4, #5, and #6, video part a, edited together video, source code, frontend contact us page

Tyler Carver:

IT document #1 and #2, RD document #1, video part b, source code, frontend frequently asked questions

Michael Caroll:

IT document #3, #4, #5, video part c, source code, frontend restaurants page, set up backend endpoints

1. **Plans for the next increment**

In our next increment, we plan to focus on completing the back end database to store essential information, including restaurant addresses, coordinates (longitude and latitude), available deals, and user login details. Additionally, we'll implement a storage system for the "contact us" message forms so that user inquiries are accessible in the back end. We also intend to refine our front end, ensuring all elements are consistently aligned with a cohesive color scheme, spacing, and sizing, which will enhance the app's overall look and usability. These steps will help us polish YUPP, making it presentation-ready and visually appealing.

1. **Stakeholder Communication**

Dear Hoxton Ventures,

We are sending this email to give you an update on the progress on YUPP. We have great news that we know will bring great joy to you and the rest of the Hoxton Ventures company. We have finished the front end of our website, which as we previously discussed was the side that the users will interact with. Almost all the features that we previously proposed on the front end have been fully implemented on the website. We have completed the front-end of the ‘Our Mission’, ‘FAQ’, ‘contact us’, as well as our login and home pages have been implemented. Our navigation bar is finished as well and can now take us anywhere we need to go within the website.

This leaves us with the next daunting task in the development of our project, where we have seemed to run into a problem. We believe that the timeline for the completion of the backend, which is the algorithm that makes the map run and show the deals, might be longer than what was originally proposed. We know that you cannot show the investors, as well as the board members, an unfinished product, so we have decided to reach an ultimatum. We have decided to create a more primitive, and less dynamic prototype. By more primitive and less dynamic, we are trying to develop the program to work on a small number of restaurants in the local area, as this makes the task much easier for our development team, so we can complete the project in the limited timeline we are given. And with this type of development, there is also a product that can be shown to investors to garner more time to see this product be completed. To build this prototype, we are using an API, which is an interface that connects with other apps to receive data. In our case, this is the restaurants data. With more capital and time, we can see this be completed in its entirety, including developing a much larger API, and helping students, as well as people across the nation save money.

Our next steps in this project are to develop the primitive prototype backend of the project, as well as implement a backend for the login page, which includes roles for the accounts. Additionally, we are building the primitive API as a proof of concept for the websites function. Once the websites are loaded into the program, you will be the first ones to see the result of these past months of work.

We hope that this email has been reassuring and informative. We deeply appreciate your continued trust and support throughout this process. Your opinions are very valuable to us, so please feel free to reach out with questions, comments, and concerns. Thank you for your commitment to YUPP, we are optimistic about the direction the project is heading, and we look forward to sharing the finalized project in the coming weeks.

Best,

Your software development team.

Nicole Johnson

James Tanner

Michael Carroll

Tyler Carver

Tanner Rohloff

1. **Link to video**

[**https://youtu.be/q4hbzMF7uXA**](https://youtu.be/q4hbzMF7uXA)