

USCDoorDrink

1. Project Title and Authors

- a. Team number: 29
- b. Team Name: Binary Asymmetry
- c. Members Name:

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2. Preface

This android app, USCDoorDrink, is designed as an online drink ordering and delivery platform for two types of users in the USC community: merchants and customers. USCDoorDrink is a specialized app that only supports ordering and delivery of tea or coffee, helping customers and merchants to track their order histories.

3. Sprint Plan

- a. Product Backlog: None left over features, but we do want to implement extra features such as converting address to longitude and latitude for users, improve the UI to make it more visually appealing, and implement extra features to make the app more convenient to use by users such as users could log out by themselves and they could search to choose the merchant they want to place their orders.
- b. Sprint Backlog:
 - i. We chose to make changes for our UI by designing a logo for the app and choosing proper background and integrating those into our app. We also choose to implement the feature.
 - ii. We chose to implement extra features that allow users to log out by themselves and choose the merchant to place an order by searching the merchant in the map page
 - iii. We want to convert address to longitude and latitude for merchants when they enter their location (This could not be achieved because of the API and SDK incompatibility)

4. Daily Scrums

- 1. Meeting 1:
 - a. Members Participated: Leo, Daniel, Lily
 - b. Start Time: Saturday, April 16, 2022 2:13 PM
End Time: Saturday, April 16, 2022 5:27 PM
 - c. Meeting Location: Zoom Meeting (Online)
 - d. Summary

i. Things Done Since Last Meeting: None, it is the first team meeting regarding new features to be implemented since we already finished all required features before.

ii. Plan for Today:

All together: Brainstorm about the new features or changes needed to be made, each member come up with potential ideas and do search on their own afterward

Daniel: Convert new features into user stories

Lily: Generate user case scenarios for new features

Leo: Put new features into the system model

iii. Impediments:

None because it's just brainstorming meeting

2. Meeting 2:

a. Members Participated: Leo, Daniel, Lily

b. Start Time: Tuesday, April 19, 2022 6:10 PM

End Time: Tuesday, April 19, 2022 7:39 PM

c. Meeting Location: Zoom Meeting (Online)

d. Summary

i. Things Done Since Last Meeting:

Daniel: Did research for changing UI for visual appearance for order, menu and checkout page

Lily: Did research on how to add new feature to the map system

Leo: Did research for changing UI for visual appearance for login, register and add menu page

ii. Plan for Today:

All together: Finalize things to be done and distribute tasks

Daniel: Suggest UI changes for the menu/order pages

Lily: Suggest new feature to be implemented on map page

Leo: Suggest UI changes for login and register pages

iii. Impediments:

Leo & Daniel: UI changes in the app are not really consistent

Lily: Potential integration problems may occur since it uses many components of the app

3. Meeting 3:

- a. Members Participated: Leo, Daniel, Lily
- b. Start Time: Wednesday, April 20, 2022 6:34 PM
End Time: Wednesday, April 20, 2022 8:46 PM
- c. Meeting Location: Zoom Meeting (Online)
- d. Summary
 - i. Things Done Since Last Meeting:
 - Daniel: Came up with specific UI plans for each page, and also the design idea for the logo
 - Lily: Figured out what functions should be added specifically to meet the new features
 - Leo: Implemented UI changes for login/logout
 - ii. Plan for Today:
 - All together: Progress check, making sure everything was on track
 - Daniel: Make changes based on the requests from other team members
 - Lily: Make changes based on the requests from other team members
 - Leo: Make changes based on the requests from other team members
 - iii. Impediments:
 - All together: Finals week is approaching and everyone has a lot of deadlines coming up, so individual members might not have enough time to work on the project this week.

4. Meeting 4:

- a. Members Participated: Leo, Daniel, Lily
- b. Start Time: Monday, April 25, 2022 7:32 PM
End Time: Monday, April 25, 2022 9:12 PM
- c. Meeting Location: Leavey Library
- d. Summary
 - i. Things Done Since Last Meeting:
 - Daniel: Designed the logo for the app, making changes for UI for menu, checkout, order pages, found the proper background
 - Lily: Implemented the search function (new feature for the map page)
 - Leo: Implemented UI overhaul for login and register pages. Added Log Out button (new feature for the map page)
 - ii. Plan for Today:
 - All together: Assembly everything and fix any bugs that come up.
 - Daniel: Fix bugs for his parts
 - Lily: Fix bugs for her parts

Leo: Fix bugs for his parts, put background into all pages

iii. Impediments:

All together: Since we all worked on our parts individually, there might be unexpected bugs coming up

Leo & Daniel: Cannot figure out the bug for a while, but then realize the changes of manifest file is not properly informed

Lily: None

5. Meeting 5:

a. Members Participated: Leo, Daniel, Lily

b. Start Time: Wednesday, April 27, 2022 12:54 PM

End Time: Wednesday, April 27, 2022 2:13 PM

c. Meeting Location: Leavey Library

d. Summary

i. Things Done Since Last Meeting:

All together: Synced the final version of the app on their local devices and check for the consistency of the UI changes, finish the documentation needed

ii. Plan for Today:

All together: Go through the app one more time together

Leo: Walkthrough Login and register

Lily: Walkthrough Map and Search Bar

Daniel: Walkthrough Menu and Placing Orders

iii. Impediments:

All together: None

5. Sprint Review

a. Reflections and Improvements

We have completed the features we planned to implement initially, and the UI has also been improved a lot.

b. Specifics

i. Start Time: Wednesday, April 27, 2022 4:05 PM

End Time: Wednesday, April 27, 2022 6:42 PM

Location: Leavey Library

Attendees: Leo, Daniel, Lily

ii. Summary

1. Things Completed: Overall UI changes and search function for merchants
2. Things Planned but Not Completed: enable merchants to enter location with address instead of longitude and latitude
Reason: Google geocoding API is not compatible with our current API level
3. What Went Well: Combining everyone's code together during the final stage, nearly bug free
4. Improvements: Make the overall code structure more modular so it would be easier to add new functionalities in the future