SW Engineering CSC648-848 Spring 2023
GatorGrub
Team 3

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Milestone 3

Date Submitted:	4/28/2023

1. Milestone 3 Meeting Summary:

- **Summary of feedback on UI (record all pages that need to be resubmitted in a pdf):**

  There are many things we need to fix on our UI pages. The first one that the professor wanted us to fix is on our homepage. We were told to change our homepage to be more attractive, in other words he wanted us to make the homepage more creative because right now our homepage is mostly boxes and white in the background. Another thing the professor wanted us to fix is on our navbar of how we structure on our register/login to the right side and make each category with hover. He wants all the driver, restaurant owner, and SFSU customer register/login buttons. Beside that he also wanted us to have a logo on the navbar, so it is more lookable. On our register and login pages he was hoping we would be able to make a button that can direct back to the homepage(User feedback).

  Furthermore, the professor would like our restaurant result page to have the search number result amount show up on the left corner so customers know how many results were found. On our restaurant register form, the professor wanted the site to be more simple, which meant he did not like to have a lot of different boxes in one page. He wanted us to put the main information that the restaurant owner should put on the restaurant register form. Beside that on the restaurant result page, the professor wanted to see the distance of how far the restaurant will be to SFSU for each restaurant. In the Driver page, the professor also did not want us to overcomplicate our design. The two features that professor wants to see right now is the accept orders page from restaurant and completion of the SFSU customer delivery page.

- **Summary of feedback on code and architecture:**

  Our code was less criticized, but there were chances to make our files more friendly to our developers. CTO recommended shortly after the meeting that we have a place to improve routing in our file structure and this can be addressed fairly easily.

  - **Summary of feedback on GitHub usage:**
    - Github usage is satisfactory, however we could work harder to make our commit messages more meaningful. CTO also mentioned we could reduce the small commits and try to make large changes at once
  - **Summary of feedback on DB:**
    - Although the DB is mostly satisfying, it still needs a table for restaurant cuisines. This will allow users to select from a changing list and allows restaurants to add new cuisines to the list.
  - **Summary of feedback on Teamwork and risk management:**
    - Leadership issues with assigning and tracking work to other group members in a timely manner.
    - In order to address this issue our team lead is responsible for a review of our progress so far, and with the knowledge of the milestone's team meeting, will
  - **Architecture review COMPLETE**

2. Functional Requirements Prioritized:

- **Priority 1**
  - ○ Unregistered Users:
    - ■ Unregistered users shall be able to search by restaurant category.
    - ■ Unregistered users shall be able to search for food and restaurants.
    - ■ Unregistered users shall be able to search the restaurant map from their location.
    - ■ Unregistered users shall be able to sort restaurants by delivery time.
    - ■ Unregistered users shall be able to sort restaurants by price.
    - ■ Unregistered users shall be able to select menu items and add menu items to their cart.
    - ■ Unregistered users shall be able to choose an order's delivery location.
    - ■ Unregistered users shall be able to read restaurant menus.
    - ■ Unregistered users shall be able to register an account with SFSU email.
    - ■ Unregistered users shall be able to register an account as a restaurant owner
    - ■ Unregistered users shall be able to register an account as a driver
  - ○ SFSU Customers:
    - ■ SFSU Customers shall inherit all unregistered user functional requirements.
    - ■ SFSU Customers shall be able to log into their account.
    - ■ SFSU Customers shall be able to submit an order.
  - ○ Admins:(This will be from the workbench)
    - ■ Admins shall be required to approve all restaurant applications before they go live on the app.
    - ■ Admins shall review restaurant applications and provide the appropriate response.
    - ■ Admins shall be able to view the user account.
    - ■ Admins shall be able to warn users and restrict orders from the user account, if a user violates GatorGrub policy with the account.
    - ■ Admins shall be able to remove users.
    - ■ Admins shall be able to remove restaurants.
  - ○ Restaurant Owners:
    - ■ Restaurant owners shall be able to register for an account.
    - ■ Restaurant owners shall be able to log into their account.
    - ■ Restaurant owners shall be able to upload menu item pictures and prices.
    - ■ Restaurant owners shall be able to submit restaurant details. (e.g. hours of operation, avg. order time.)
    - ■ Restaurant owners shall be able to choose to accept or reject an order.

- Restaurant owners shall confirm when orders are ready. This updates the order progress.
- Restaurant owners shall be able to review and manage driver tasks
  - Drivers:
    - Drivers shall be able to register as a driver.
    - Drivers shall be able to log in as a driver.
    - Drivers shall be able to accept or reject an order.
    - Drivers shall confirm when food is picked up. This updates the order progress.
    - Drivers shall confirm when food is delivered. This updates the order progress.
    - Drivers shall be able to see a map of the pickup point.
    - Drivers shall be able to see a map of the delivery point.

3. High-level architecture Revisions:

- We intend to use node.bcrypt.js 5.1.0 library to implement the encryption for all user passwords. Approved by CTO.
- We have previously updated our fuzzy search to use Fuse.js 6.6.2 library. Approved by CTO.
- Our database model will now include a table for restaurant cuisines so that they may be displayed and updated dynamically.

4. Identifying Key Risks To Our Project:

Schedule Risks:

Some team members have overbearing assignments from other classes and this prevents them from completing assigned tasks. This causes the team to fall behind with checkpoints and functional requirements.

These delays usually take place when multiple completed components are integrated together and something breaks. We want to allocate more time to address issues like this, which cause the most stress when nearing due dates. We're working harder to break down the tasks we need to get done and schedule more reasonable and in-depth tasks for each person. These tasks will be scheduled to be completed by a point that gives team members more time to address issues, which often come up with each task.

7. Checkpoint Due Thursday 5/4:

Before Thursday 5/4 we need to have:

- PDF of all missing and revised pages (screenshots of website)
  - Homepage
  - Search results
    - Have est. time to deliver to SFSU.
  - Almost all login and registration pages need minor reworks
  - Owner Dashboard
  - Restaurant application/registration
  - Restaurant menu & order page.
  - Driver dashboard