

CSC648 - Team 103 - Meeting Notes:

Meeting 1-- 2/10/2020 12:30 - 1:45 CLASS

-Installed docker

-Finalized roles

- Team Lead:
Siddhita Chimote
- Front Lead:
Calvin Tam
- Back-end Lead:
Kevin Dizon-Cua
- Git Master:
Matthew Ibrahim
- Scrum Master:
Cassidy McSkimming
- Front-end/ Back-end team member:
Corey Russ
- Front-end team member:
Jose Pascual
- Front-end team member:
Sara Tama

-Discussed how we're going to maintain github

-One repo vs separate repos; professor did not understand separate method, so staying with one for now

-Discussed final details for software stack

Details for our email proposal

Below is a list of the technologies used in Team 103 software stack:

- Server Host:
Google Compute Engine (1vCPU 1.7 GB RAM)
- Operating System:
Container-Optimized OS (Google Kubernetes Engine 1.157.7-gke.23)
- Database:
MariaDB 10.4.12
- Web Server:
Node.js 12.15.0

- Server-Side Language:
Javascript
- Web Application Framework:
Express 4.17.1
- Front-End framework:
React 16.12.0
- Additional Technologies:
 - OS Platform: Docker
 - IDE: JetBrains WebStorm; VS Code
 - Web Analytics: Google Analytics
 - SSL Cert: Lets Encrypt (Cert Bot)

Email: siddhitachimote@gmail.com

Member's Familiarity with Server-Side Languages (scale from 1-5)

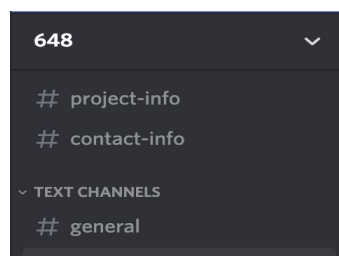
- Matthew: 3
- Calvin: 4
- Kevin: 3
- Jose: 3
- Cassidy: 4
- Corey: 5
- Sara: 4
- Siddhita: 2

-Email sent 2/10/20

Meeting 2-- 2/10/2020 3:30 - 4:30 LIB 124F

- created availability schedule sheet with all team members availability(before quarantine)

	A	B	C	D	E	F	G	H	I	J
1		Matthew	calvin	siddhita	Cassidy	sara	Jose	Kevin	corey	
2	Monday	13:45 - 17:00	13:45 - night	13:45 - 17:00	13:45 - 1600	not available	4:00 PM	13:45-18:00	3:30	
3	Tuesday	13:45 - 17:00	call after 1800	13:00 - 17:00	13:45 - 19:00	12:30 - 4:00	not available	call	n/a	
4	Wednesday	13:45 - 17:00	13:45 - 1800	13:45 - 17:00	Not Available	not available	4:00 PM	13:45-19:00	3:30	
5	Thursday	13:45 - 17:00	call after 1800	12:00 - 15:00	13:45 - night	not available	4:00 PM	call	n/a	
6	Friday	Not Available	call after 2000	12:00 - 15:00	anytime	12:00 - 3:00	anytime	call	n/a	
7	Saturday	14:00 - 17:00	call	only call	before 3:30pm	call	call	call	n/a	
8	Sunday	Not Available	call	only call	before 3:30pm	call	call	call	n/a	
9							but can be earlier			
10							than 4			
11										
12										
13										



- created discord group with project channels

- Created doc with contact information
 - discussed M0 tasks:
 - due on 2/19
- TODO:
- build team site
 - decide on common theme for pages
 - review github practices

-Assigned Jose task of creating team website template

Meeting 3-- 2/17/2020 2:00 - 3:00 LIB 124J

Troubleshooted docker errors teammates had

Made sure everyone had everything installed

Went over our git configurations

- Feature branch
- Pull request

Meeting time spreadsheet

Live demo of git uploading the website template

Tasks to be done:

Our own website pages "name.html"

Assured everyone's page must be pushed to git by M0 due date

Meeting 4-- 2/24/2020

-Modify project idea, use commercial refrigerator instead(?)

-Discussed how we will distribute work for M1

-Use csv, excel sheets for receipts(?)

-Maybe stick with original consumer refrigerator for now since we need other team members input and also professor's permission

-Come up with personas that we might include for user stories that we will discuss on Wednesday

-Data Definitions: to be discussed on Wednesday

-Use OCR API

- Think of possible unique features
- Allow the user to keep a personal budget and keep track of whether they're going over their budget based off what they buy(feature)
- Keep track of capacity(feature)

Meeting 5-- 2/26/2020 CLASS

M1 DUE 3/4/2020

Confirmed with group we will be sticking to original refrigerator rather than moving forward with commercial idea

Brainstored for m1 document:

user stories:

- families, elderly, roommates, working professionals,

functional requirements:

- User log in/log out, user to add/remove inventory items, user search for recipes and items

Non-functional requirements:

- Security using https, infrastructure

Data Definitions:

- Storable/consumables, non-storables, recipes, refrigerator, shopping List, lowStock List

Competitive Analysis:

- Whisk, Samsung, Cheflife at Google Play

Team assignments for M1 document:

- User Stories: Siddhita
- Executive Summary: Cassidy
- Data Definitions: Sara
- Functional Requirements: Kevin, Matthew
- Non-functional Requirements: Corey
- Competitive Analysis : Jose
- High-Level System Requirements: Calvin

Meeting 6-- 3/2/2020 Discord (45 mins) Discord

Checked on M1 document progress as due date is 3/4/2020

addressed & resolved comments made on google doc

-Data Definitions DONE

-non functional Requirements DONE

-high level system requirements DONE

-user stories DONE

TODO:

Executive summary ~cassidy

Competitive analysis summary ~ jose

Functional requirements ~ kevin, Matthew

Discussed feedback from professor about functional requirement expectations we received via email

Meeting 7-- 3/9/2020 LIB

Went over M2 document all together

Began revising and finalising changes to M1 doc that we will put on M2:

- Adjust priorities on functional requirements(P1 functions we will need to implement)
- Established we will be using figma for our mockups
- Began discussing database organization going off our functional requirements:(fridge, users, storables, recipes, nutrition, ...)
- Brainstormed technical challenges

M2 DOC assignments:

High Level UML Diagrams ~ siddhita

Database Organization ~Matthew

Data Definitions V2 ~ Sara

Function Requirements V2 ~ kevin

Key Risks ~ Corey

Figma Mockups ~ Calvin, Cassidy, Jose

Calvin Created figma account and invited the entire team

Meeting 8-- 3/11/2020 CLASS

Checked on M2 doc status

Reviewed feedback from professor on M1 document:

-mostly placed on functional requirements

Professor feedback M1 doc:

- Please put the name for each item. (e.g. Function 1.1). It should be tracked from later milestones.
- Also break down into multiple subitems. For ex, bar code and OCR API should be separated. And for each subitem, put the priority.
- This is about implementation either depending on the external db or maintaining your own one.
- rephrase into something to deliver user value ("what") to users.
- How could you filter out non edible items out of the receipt? How could you convert MLK (from the receipt) into a MILK? Please prepare the answers and specify them.

Adjusted M2 assignments: GOAL: adjust based on prof feedback

High level assigning of tasks for M2:

Data Definitions V2 - SARA

Function Requirements V2 - KEVIN

UI Mockups and Storyboard - CALVIN & JOSE

High Level Architecture and DB organization - MATTHEW

High level UML diagrams - SIDDHITA

Identify actual key risks - COREY

Project management - CASSIDY

Meeting 9-- 3/14/2020 Discord (30 mins)

TODO for database: ~ Matthew

1. nutrition for both storables and recipes?
2. no need nutrition_id? or storables and recipes saves nutrition_id and don't save storable_id?
3. recipe_ingredients.amount -> quantity?
4. storables categories? (TBA in class meeting wednesday)

5. non-storable list to prevent user to store those?
6. inventory.remaining type use unsigned int for 1-199 for memory efficiency? we should avoid REAL unless necessary
7. matching the data def v2 to table

SARA: for Data Definitions: we need the following new terms:

Ingredients (subset of storable that can be used in a recipe)

Recipe (currently it's only a data structure but we need to define it)

Intolerable (a class of ingredients that people can be "allergic"/intolerant towards (i.e. lactose intolerance))

Meeting 10-- 3/18/2020 Discord(during class)

Status update on M2 progress due 3/20

New Assignments:

Still working on endpoints in database - kevin, matthew

Still need to finish figma mock-ups - jose, calvin, corey

Still need UML diagrams - siddhita, sara, cassidy

Meeting 11-- 3/24/2020 Discord

Finalized last minute changes we still needed for M2 together

TODO:

Adjust format on M2 doc

Prepare document for submission

Push changes to github

Everyone needs to read the document through before we turn it in

Backend still needs to debug and test

Meeting 12-- 4/1/2020 Discord CLASS

Reviewed M3 doc together DUE 4/20/2020

Product-prototype-

Horizontal-prototype

No M3 document required for this milestone

We will need to demo our prototype to the class:

Functionalities We need working for this milestone:

- Home page
- List the inventory
- List results details (to see if the details are enough)
- Notification when the status of item is going to change (or expire).
- Login to the system for only registered users
- Performance (e.g. display of results list)

Reviewed M2 professor feedback:

Professor liked figma landscape mode(but pointed out we need to create mobile version mockup)

Decided to use Builderx.io to create new mobile version mockup:

Assigned screens:

- Recipes ~ calvin
- Users ~ Sara
- Inventory ~ Cassidy
- inventory/view ~Cassidy
- Carts ~ corey
- Splash page ~calvin
- Meal Plans ~ jose

Meeting 13-- 4/6/2020 Discord

Had discussion on meal plan design:

- Decided we would do it by day and not by week
- Want to try to make it offer user edits
- Want to provide certain options we pre choose for user and they can edit them.
- user should be able to search for a recipe to add to the meal plan *in addition to* have recipes auto selected for them

Status update on screens:

- We need to re create new project as components are not layered properly and project has become messy
 - Went over the appropriate way to build screens
 - Redistributed screens to less people so project didnt get too messy:
 - Recipes ~ corey
 - Users ~ cassidy
 - Inventory ~ Cassidy
 - inventory/view ~Cassidy
 - Carts ~ corey
 - Splash page ~calvin
 - Meal Plans ~corey
- Have ready by class time 4/8 so we can show professor our mockup and redirect focus on our prototypes for M3

Kevin and Siddhita still working on component diagram

Meeting 14-- 4/8/2020 Discord CLASS

Walked through UI builder x screens with professor and she liked them for the most part:

Professor UI feedback:

- Be sure the titles are all in sync, if one has an icon they all do, etc.
- Be sure to have a clear idea of what all the buttons are going to be doing
- How does the search and filter button work differently(suggested search hint)

Discussed how we would be implementing this on project along with backend

Backend TODO:

- some of the routes are done, but some of the api functions dont work with the way theyre designed and so need to deviate from the doc a bit/ change how some of them work
- We need to get functions for inventory but we have no POST

Meeting 15-- 4/13/2020 Discord

Demonstrated how to do routing for screens: making navigation work.

Need to implement front end functions: use effect, etc

need to update migrations just to add an index to user_id for meal_plans table

Discussed what buttons should be on tab navigator

- mealplans
- recipes
- scan receipt

Meeting 16-- 4/15/2020 Discord CLASS

Confirmed priority 1 functions:

so rn these are the P1 ones:

1. User input
2. Adding/removing item
3. user sign up
4. Inventory
5. Expiration date log
6. expiring soon notification

Need to implement fetch calls to back end

Meeting 17-- 4/19/2020 Discord

FRONT END TASKS

1. Consumption/view screen missing-create on builderX
2. Carts/view screen missing-create on builderX
3. Bottom tab and drawer nav should have different options
4. Meal plans user interaction needed~ to edit meal plans -create on builderX
5. Users screen missing
6. Convert: all card components with
<https://github.com/material-components/material-components-web-react/tree/master/packages/card> ~SARA + CASS
7. add new component MaterialDialog with
<https://github.com/material-components/material-components-web-react/tree/master/packages/dialog>

8. add new component MaterialTopAppBarDialog based on MaterialTopAppBar and DialogHeader

9. after backend finishes, we need to add fetch calls to db 10. Fix Scroll Areas with new grid layout

<https://github.com/material-components/material-components-web-react/tree/master/packages/layout-grid>

Meeting 18-- 5/13/2020 Zoom Class meeting w/ Prof

Walked through our running application with professor

Professor approved Meal Plans replacing scanning receipt (need to make Meal Plans mature)

- prof wants us to implement some sort of auto complete option in search function to aid user in replace of scanning receipt

Reviewed tasks and what still needed to be complete:

- went over bugs kevin was having with backend
- made sure everyone could get our application up and running on all our computers after api changes were made
- discussed options for unique feature: dark mode, leftovers,

Meeting 19-- 5/11/2020 Discord (45 mins)

Concerns From Grading Rubric

1. might need a few unique features(20 marks) maybe discuss leftover functionality as option? Or dark mode?
2. need all 4 required features (missing receipt OCR)
3. Record of meeting notes w/ dates and discussion notes (google doc)
4. Presentation participation
5. Performance? On rubric
6. We are Being graded on organization of application feature branches, important not to delete all of them
7. 70 % commits must be done via pull requests I think we're good with this
8. Coding style?

9. need to remind everyone to have proper commit messages as grader will be searching for last 50 commits that commit messages are sufficient.
10. Also, we need to designate three files for grader to check for proper code commenting on(means we must choose three files of our choice~everyone should be commenting in code as much as possible)
11. We need scan receipt function working
12. What exactly are we doing for continuous integration?
13. QA test format -see testing class slides

Other Tasks:

14. not validating forms on frontend

Meeting 20-- 5/14/2020 Discord (30 mins)

Created Presentation slides doc

DEMO 5/20 @ 1pm

- 1.Introduction/overview siddhita
2. Highlights of application Cassidy
3. Walkthrough our application Jose Sara
4. Performance kevincuax
5. Mobile responsiveness corey
6. Github Management Matthew
7. Testing calvin

List of Front end tasks

- eslint by Jose
- mealplandialog Sara corey
- integrate carts Sara corey
- integrate cartsView stama corey
- integrate meal plans
- integrate meal plans view by calvin

- dark mode Cassidy ?
- logout

Meeting 21-- 5/19/2020 Discord (30 mins)

Discussed final todos before final demo of the project

Discussed presentation assignments:

Need to revise all milestone document and update them for submission