Brainstorm Ideas for Project

1. *ScholarEats*
    - reverse cookbook, where student can find recipes to make based on ingredients being offered by university's grocery program
    - university makes admin account to enter what food is being offered
    - administration can auto-generate an email weekly that includes the ingredients and potential recipes
    - students can opt-in to getting the groceries that week if interested - allowing administration to have accurate number of prepared groceries (reduces waste)
    - useful for students specifically
    - using AWS, MySQL
2. *UpKeep*
    - is a social media site based around collecting and trading trading cards.
    - organized a little like reddit, where the emphasis is on following tags instead of other users. Like subreddits, people would post their cards to the pages, and other people following those pages will be able to see it, like it, comment, etc.
    - Cards can be posted "for sale" or "for trade" to link up with other players/collectors that are looking for that card and are willing to trade/sell. When a user posts cards to their page, they can also build a virtual collection.
    - This could be useful at conventions or swap meets, where traders could check each other's digital collection and see what they have up for sale, instead of flipping through those massive binders.
    - will implement ActivityPub (allows for connected communities - increases visibility)
    - using AWS, MySQL
3. *Crash*
    - AirBnB for Parking
    - users can rent out someone's parking space for a specific short-term time frame
    - could use Unfolding maps API (Java/Javascript)
    - using AWS, MySQL

SW Engineering CSC648-848-05 Summer 2024

ScholarEats

Milestone 1

Team 4:

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06/20/24

History (Revisions)	
06/20/24	V1.0 Milestone 1 finalized

Executive Summary

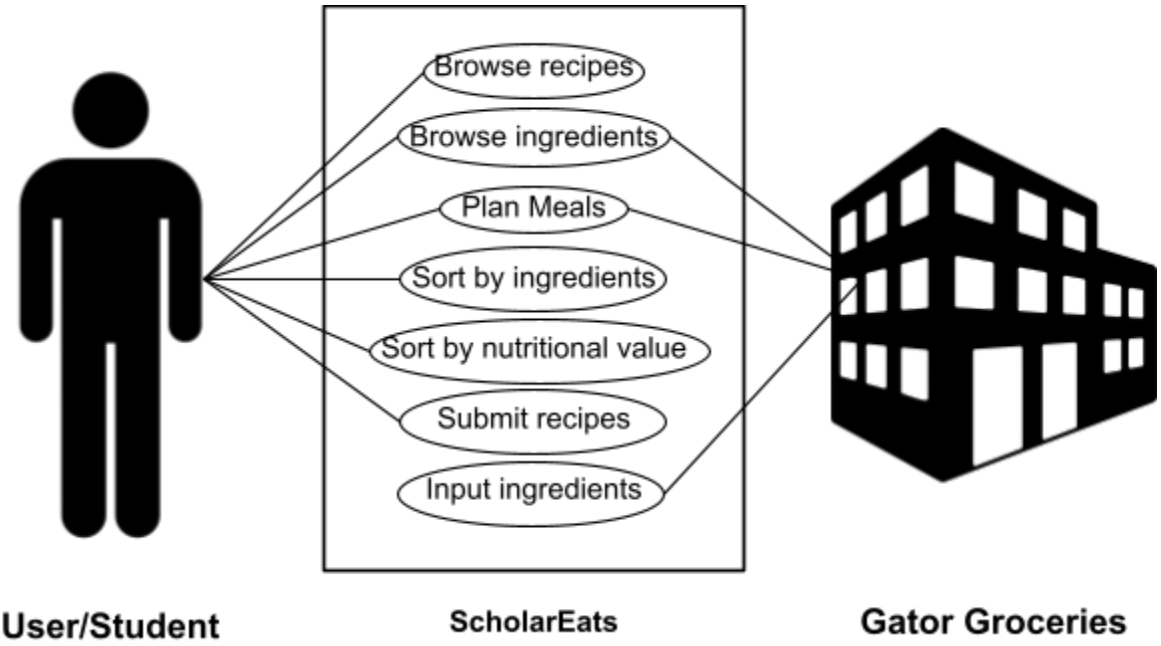
A crisis for many universities in America is that many students do not have the ability to get proper nutrition or even full meals–and if they do, they don't know how to cook them or do not have a full pantry of ingredients. For many students, eating out routinely is not a fiscally-responsible option, and it is often difficult to partake in affordable food programs or campus dining options. Additionally many student-aid programs are difficult to participate in and universities struggle with food waste resulting from un-distributed food.

This framework will allow universities to track their available groceries and have the current stock readily viewable by students. The program will examine the available ingredients that the university is offering, and compile recipes that utilize those ingredients. If intrigued by the week's ingredients or their associated recipes, students can opt-in to receive the selected ingredients and receive instructions for how to cook them. By linking students to the university's grocery offerings, the program supports students in learning how to cook by equipping them with the right tools to create nutritious and enjoyable meals for themselves without waste or financial strain .

Main Use Cases

Use Case 1: Meal Planning

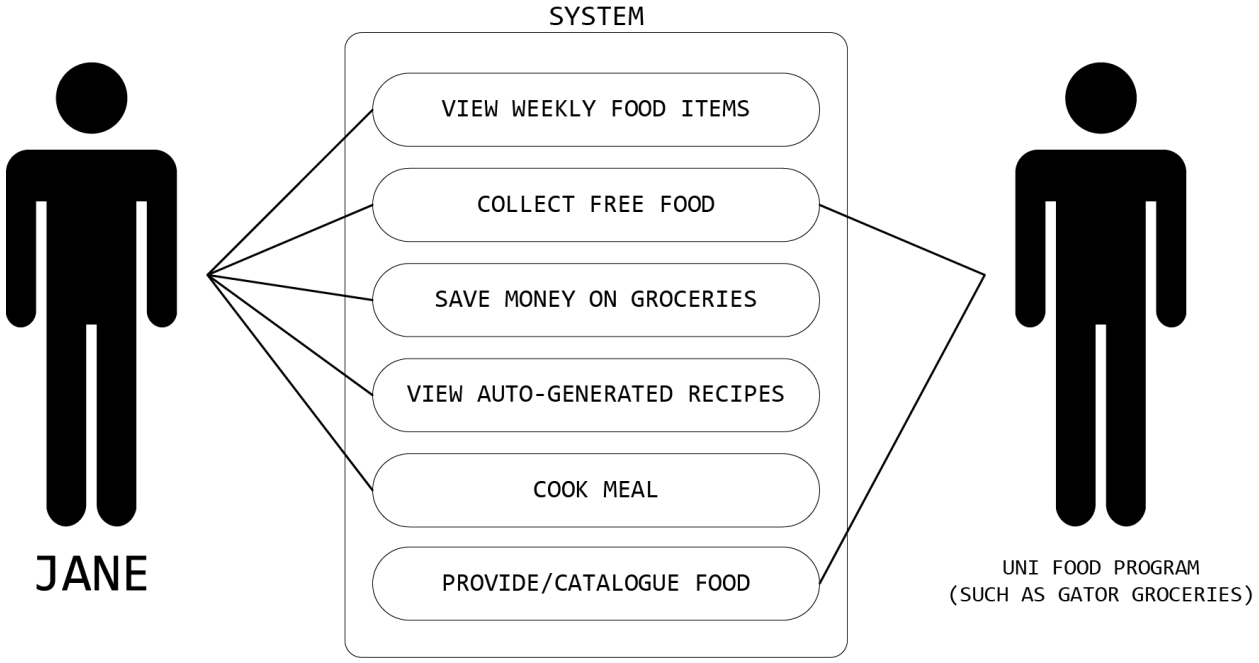
- **Actors**: Greg (student,customer), Gator Groceries(supplier), ScholarEats(system)ffff
- **Assumptions**:
    - Greg is too busy to cook most days
    - Greg is a beginner at cooking
    - Greg already takes advantage of his university's subsidized grocery program
    - Greg has an internet-enabled device
- **Use Case**: Greg is a student at SFSU, He's taking 15 units in the fall and works on the weekends, this leaves him little time to worry about food. He spends far too much of his free time thinking of what he could cook for the day and ends up eating out or boiling ramen noodles most days. He makes use of his university's subsidized grocery program, but the ingredients sit in his fridge slowly degrading. He overhears classmates talking about ScholarEats and how it makes meal planning quick and easy. Since he's already using his university's grocery program, all he needs to do is go online and look at the recipes that are provided for his school's inventory. Once he signs up, he can browse a myriad of recipes using ingredients supplied by Gator Groceries.
- **Benefits for customer**:
    - Stress–free meal planning
    - Beginner friendly recipes
    - Time saving
- **Use case modeling**:



Use Case 2: Money saving

- **Actors**: Jane (Student), ScholarEats (Program)

- **Assumptions**:
    - Jane is poor, and she needs some help affording food for the week
    - Jane has a computer, phone, or any other internet capable device
    - Jane is enrolled in a University with a free food distribution program
- **Use Case**:
    - Jane is a poor college student who needs some help affording her food for the week. Jane utilizes an online service (ScholarEats), which shows her the food available this week at her school's free food program. Along with this information, she also receives a few auto-generated recipes. This further encourages her to go to her university's free food program. After she collects her free food, she has saved a significant amount of money on groceries, and she is ready to cook one of the meals generated by ScholarEats.
- **Benefits for Jane**:
    - Having the available food displayed in advance lets Jane know that she will enjoy the food, saving her time and money
    - Having a recipe planned out encourages Jane to receive the free food
- **Use case modeling**:

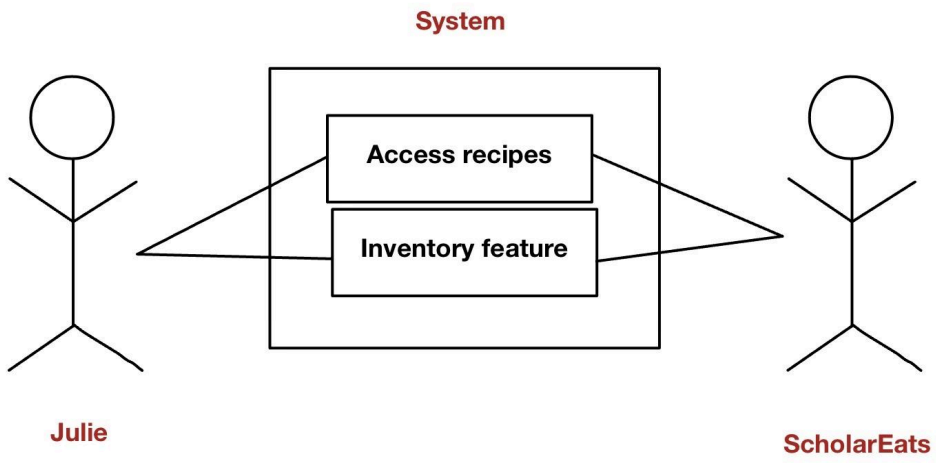


Use Case 3: <u>Waste reduction</u>

- **Actors**: Julie (Student), ScholarEats (Program)
- **Assumptions**:
    - Julie has internet access and devices to go online
- **Use Case**:
    - Julie utilizes the Gator Groceries program every week. However, she notices that she always happens to get more of an ingredient than she needs. She does not know what to do with the extra ingredient so it ends up going to waste. She is saddened by this

because she doesn't like to waste food, and it could have gone to someone who would have used it. In an effort to try to find recipes that utilize all of the ingredients she has from Gator Groceries, she gets stressed out from some recipes requiring more ingredients than what she has and either having too much or too little of an ingredient. Julie then finds out about ScholarEats and installs it on her phone. Julie is amazed with the variety of recipes that are available and how every ingredient from Gator Groceries is utilized in some way. Now, when she goes to Gator Groceries, she can get exactly the type and amount of ingredients she needs without having to worry about any of them going to waste. She also likes that there is an inventory feature so she does not have to worry about showing up to Gator Grocies and having to find out that everything is gone.

- **Benefits for Julie**:
    - Reduction of leftover ingredients since recipes are created based off all available ingredients
    - Inventory updates give Julie an ease of mind since she is able to see how much of an ingredient is left over
- **Use case modeling**:



Use Case 4: <u>Health Consciousness</u>

- **Actors**: Jack, ScholarEats
- **Assumptions**:

    ScholarEats has a system in place to track and manage grocery inventory.
    Jack has access to the inventory system and can view available ingredients.
    ScholarEats provides recipe suggestions based on available ingredients.
    The system supports dietary preferences and health-related needs.
- **Use Case**:

    Jack was always struggling with eating healthily since he is a student and he does not have much time to cook and he also does not know how to cook. He even had no idea about what ingredients he should get to cook a meal. Then Jack find out ScholarEats can help him. Jack logged in and checked available ingredients. He selected a low-carb recipe. The platform

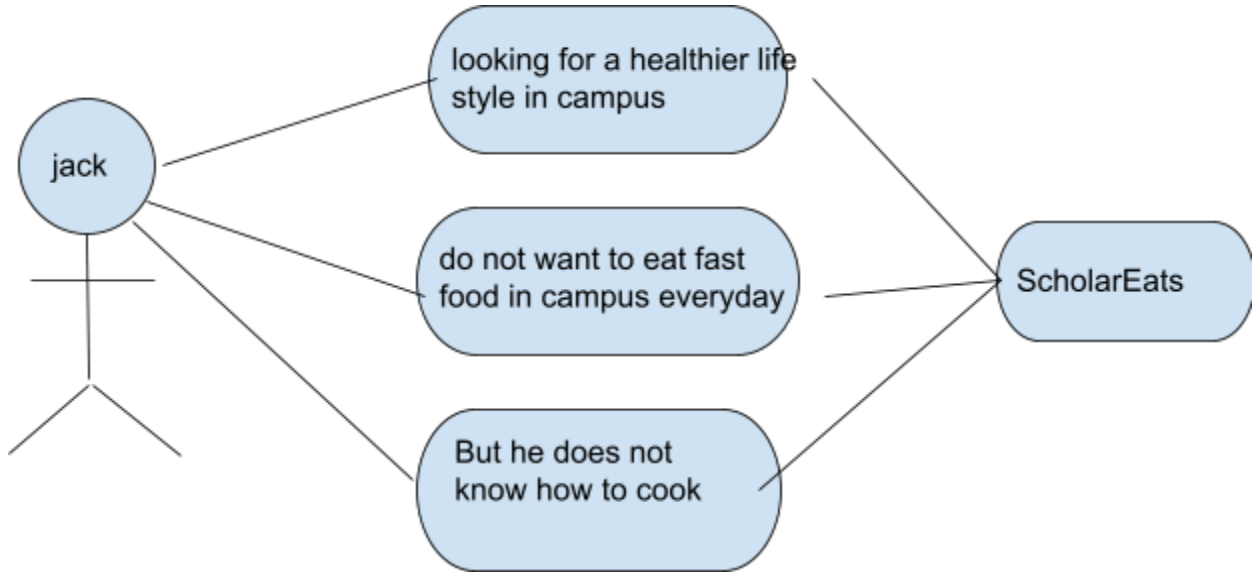
provided necessary ingredients and step-by-step cooking instructions. Jack picked up the ingredients from campus grocery hub and cooked his meal. This program helped him maintain a healthy diet.

- **Benefits for customer**:

  Improved Nutrition: Jack can easily access nutritious meal options that cater to his dietary preferences.

  Healthier Lifestyle: Consistent access to nutritious meals helps Jack maintain better overall health and energy levels.

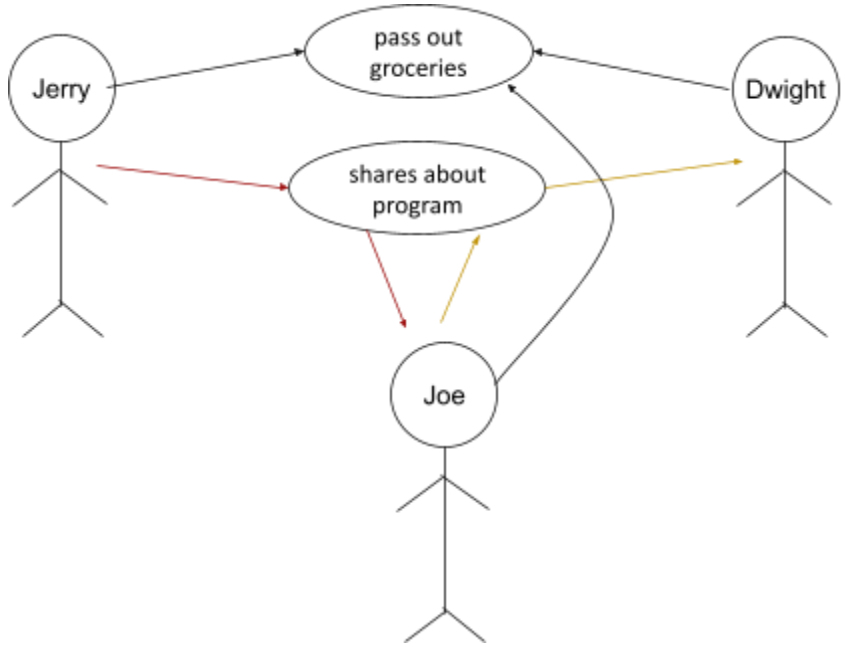
- **Use case modeling**:



Use Case 5: Student Engagement

- **Actors**: Joe (student), Dwight (student), Jerry (student/ScholarEats volunteer), ScholarEats(program)
- **Assumptions**:
  - Joe has a secure and fast wireless Internet connection
  - Dwight and Joe are connected on a social media platform.
- **Use Case**: Jerry thinks being engaged with his university is great, so he volunteers with the ScholarEats program by passing out the weekly groceries. His friends, Joe and Dwight, don't have the same engagement with the school, and Jerry wishes there was a way to get them more involved. After his shift, Jerry runs into his friend Joe. Jerry starts telling Joe about his volunteer shift; Joe isn't familiar with the program, so Jerry explains how it works. Joe, for the first time, is actually interested in something extracurricular that the school offers. He looks into his automatically-enrolled account, and opts in for the next week's groceries. After opting in himself, Joe posts about the program on social media, which catches their friend Dwight's attention; he is intrigued by the program, looks into it himself and also opts in for the groceries. After a few weeks of picking up groceries and enjoying the program, Joe and Dwight realize what Jerry was

talking about when he expressed the value in being involved at school - so much so that they want to help out, so they sign up to volunteer with Jerry.

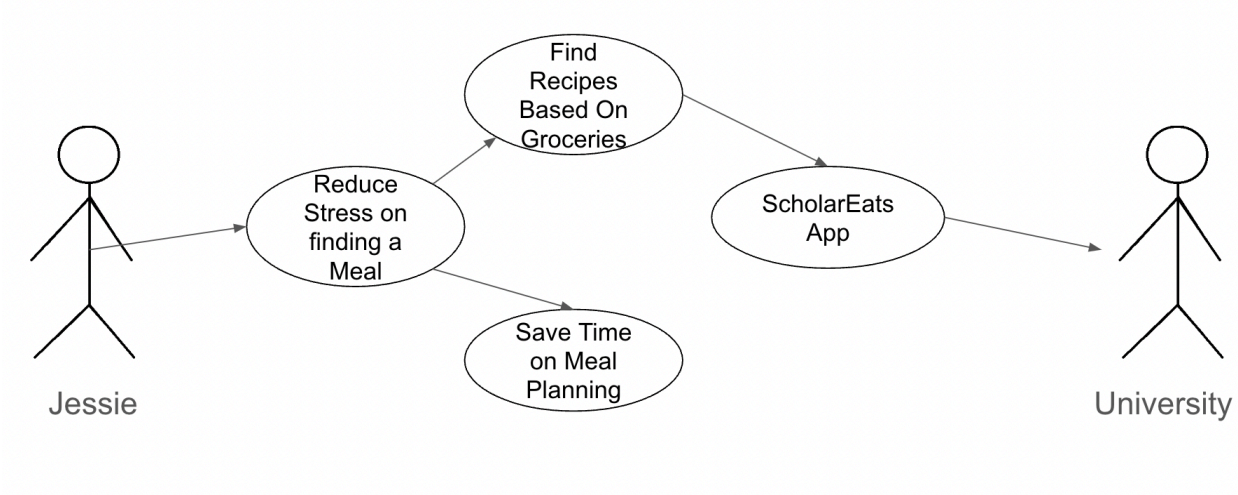
- **Benefits for Jerry**:
    - Gives him an opportunity to be involved in the school
    - Enables him to get more people involved in the school, which is important to him
    - Can simultaneously spend time with his friends, while helping them to get accessible groceries
- **Use case modeling**:
    - 

Use Case 6: <u>Time-saving</u>

- **Actors**: Jessie (Student), University
- **Assumptions**:
    - Jessie is currently a student at a university that offers groceries
    - The university supports the usage of ScholarEats
    - Jessie is capable of cooking
    - Jessie is a full time student and a part time worker
- **Use Case**:
    - Jessie, a student who is currently attending full-time at her university and a part-time worker at a convenience store, has a hard time balancing her school and work life. Despite the many efforts that she has made to manage her time properly she always falls short with the time she has for herself. Luckily, she found that she can save more time with the use of ScholarEats where Jessie can easily get recipes based on the groceries that her university has. With this, she is able to be stress free and able to spend less time on finding what to make.
- **Benefits for customer**:

- Reduces Stress for the customer. The customer no longer needs to worry what the customer needs to eat.
- Reduces Time for the customer. The customer no longer needs to waste time to find a recipe.
- The customer has accessibility for ScholarEats anywhere and anytime.

- **Use case modeling**:

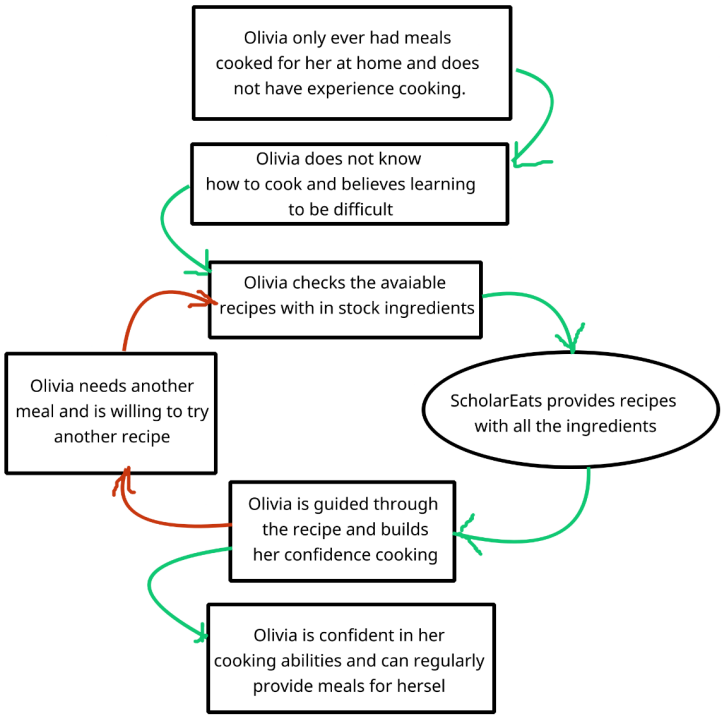


Use Case 7: <u>Cooking Education</u>

- **Actors**:
  - Olivia (student)
  - University Faculty
- **Assumptions**:
  - Olivia is a young woman away from home for the first time. Her family cooked dinner at home every single day and she is having to adapt to a life away from home where she doesn't have parents ensuring that she eats a full meal every day after studying.
  - Olivia does not have any experience cooking meals at home and does not know where to begin. She often has to resort to eating food from the vending machine in the lobby of her dorm because she doesn't always have a chance to go to food spot on campus while they are open with her schedule.
  - The University has a food pantry in which cheap, or even free, groceries are available and faculty or student-workers that can manage the program.
- **Use Case**:
  - Olivia can use this app that her school manages locally to see which recipes have ingredients readily available within the university's food pantry.
  - Olivia confirms her intention of picking up a set of ingredients earlier in the day and gets notified when it is ready to pick up.
  - Olivia picks up the ingredients.
  - Olivia goes to her dorm and the app gives her step by step instructions on how to cook.
- **Benefits for customer**:

- Motivation to learn how to cook which is a useful life skill that avoids excessive spending habits and enables her to feed herself.

- **Use case modeling**:



Use Case 8: Community Recipe Submission

- **Actors**:
    1) Emily wants to share personal recipes with the university community. [Primary Actor]
    2) Scholar Eats Platform [System]
- **Assumptions**:
    1) Emily has access to the internet and a device to access the ScholarEats Platform.
    2) Emily has a recipe with a complete list of ingredients and cooking instructions ready to submit.
- **Use Case**:

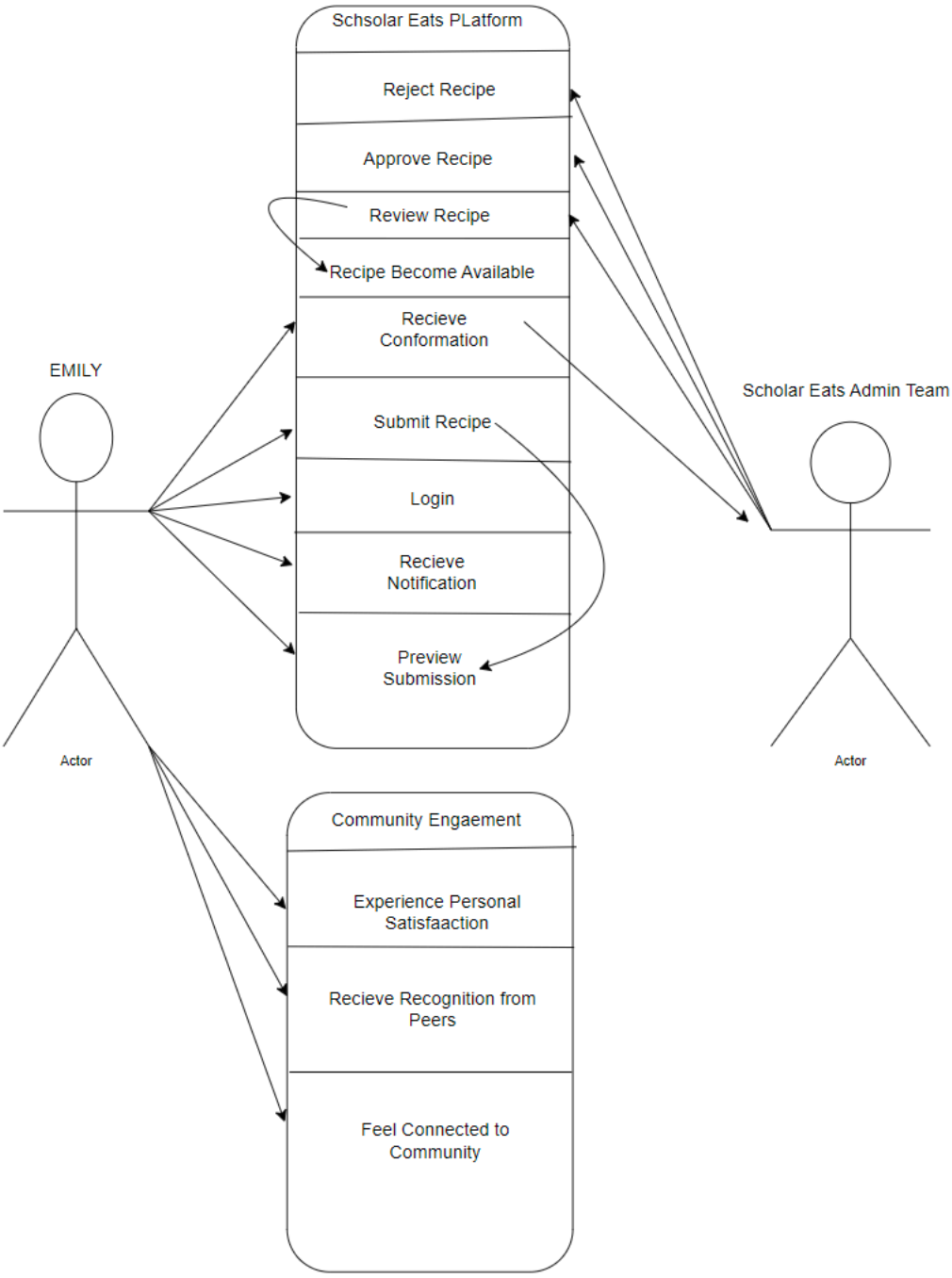
    Emily, thrilled to share a unique dish she recently perfected, decides to contribute her recipe to the ScholarEats community. Motivated by a desire to engage with her peers and enrich the campus dining experience, she logs into the ScholarEats platform, eager to introduce others to her culinary creation. The platform's user-friendly interface seamlessly guides Emily through the recipe submission process, ensuring she provides all necessary details, including the ingredient list, step-by-step instructions, and optional photos of the dish.

    As Emily fills out the submission form, she finds the fields well-organized and easy to navigate, significantly reducing the hassle typically associated with digital submissions. She appreciates the option to preview her entry before finalizing it, ensuring accuracy and completeness. Upon submission, the ScholarEats system quickly processes the recipe, displaying a confirmation message that reassures Emily that her contribution has been received and is under review.

    The review process, conducted by the ScholarEats administration team, ensures that the recipe meets health and safety standards as well as the platform's quality guidelines. Once approved, the recipe becomes available to the entire student body, enhancing the communal recipe database and encouraging culinary exploration among peers. Emily receives a notification when her recipe is live, adding a sense of accomplishment and fostering a deeper sense of community involvement.

- **Benefits for customer**:
    1) Community Engagement: Emily feels connected to the campus community by sharing her personal recipes.
    2) Recognition: Contributing to the platform can bring Emily recognition from peers who try and enjoy her recipes.
    3) Satisfaction: Emily experiences personal satisfaction in knowing her culinary creations can help others diversify their meals and cooking experiences.

- **Use case 8 modeling**:



List of Main Data Items and Entities

What do we need to store:

- User Account(Global)
    - Email
    - Password (ENCRYPTED with bcrypt? NOT PLAINTEXT)
    - Username
    - UserType
        - Student
        - Administrator
    - Phone Number (Notifications)
    - Allergies
    - CreationDate (Annual baskets?)
    - University
- User Preferences(Global)
    - Light Mode /Dark Mode
    - Notifications (Y/N)
    - Asdasdad
- Recipe Book(Global)
    - Recipes
        - Ingredients
            - Allergens
        - Instructions
        - Cookware
        - Time Required
        - Servings
        - Nutritional Values
        - Pictures
        - Reviews
        - Difficulty
        - Author
        - Dietary restrictions
            - VEGAN
            - VEGETARIAN
            - HIGH PROTEIN
            - LOW-FAT
            - KOSHER
            - DAIRY-FREE
            - HALAL
- Food Pantry(Local)
    - Ingredients
        - Size/Quantity

- Expiration Dates
- Allergens

Initial List of Functional Requirements

1. USERS SHALL BE ABLE TO MAKE ACCOUNTS WITH VALID UNIVERSITY EMAIL.
    - Users shall be able to make accounts utilizing a valid university email, such as those ending with *@mail.sfsu.edu*. This will automatically enroll them in the corresponding university.
2. USERS SHALL BE ABLE TO CHANGE PROFILE PHOTO
    - Users shall be able to upload an image from their device, which will be viewable by other users as their profile image.
3. USERS SHALL BE ABLE TO CHANGE THEIR PASSWORD
    - Users shall be able to change their password, with email verification. This will be done by inputting two passwords and ensuring that they match, while fulfilling the password requirements.
4. USERS SHALL BE ABLE TO EDIT PROFILE BIO
    - Users shall be able to edit a short blurb about themselves within their user bio of up to 150 characters,
5. USERS SHALL BE ABLE TO EDIT THEIR USERNAME
    - Users shall be able to change their username, ensuring that their username is not already in use by another user.
6. USERS SHALL BE ABLE TO ADD THEIR PREFERRED PRONOUNS
    - Users shall be able to edit their preferred pronouns through a dropdown list of pre-selected pronouns.
7. USERS SHALL BE ABLE TO SET DIETARY RESTRICTIONS
    - Users shall be able to select dietary restrictions from an extensive dropdown list, including restrictions such as vegan, vegetarian, halal, etc. Users will be able to select multiple dietary restrictions.
8. USERS SHALL BE ABLE TO SET ALLERGIES
    - Users shall be able to select allergy restrictions from an extensive dropdown list, including restrictions such as peanuts, shellfish, dairy, etc. Users will be able to select multiple allergy restrictions.
9. USERS SHALL BE ABLE TO FAVORITE INGREDIENTS
    - Users shall be able to favorite ingredients, which will locally sort that ingredient as “favorited.”
10. USERS SHALL BE ABLE TO VIEW RECIPES
    - Users shall be able to click on a suggested recipe based on the available ingredients and view the recipe.
11. USERS SHALL BE ABLE TO FAVORITE RECIPES
    - Users who view a recipe that the user likes will be able to favorite the recipes for later use.
12. USERS SHALL BE ABLE TO VIEW OWN FAVORITE RECIPES
    - Able to view the users own favorite recipes so that the user is able to cook it.
13. USERS SHALL BE ABLE TO VIEW HISTORY OF RECEIVED RECIPES

- Users who didn't favorite a recipe but changed their minds later are able to view their history to see the said recipe.

14. USERS SHALL BE ABLE TO REVIEW/RATE RECIPES
    - If the user liked or didn't like the recipe they can give their feedback on the recipe.
15. USERS SHALL BE ABLE TO SORT RECIPES BY RATING
    - If the user wants the best or worst rated recipe, the user is able to sort by rating through descending or ascending order.
16. USERS SHALL BE ABLE TO SORT RECIPES BY CALORIES
    - If the user is on a diet and wants a lower calorie recipe, the user can sort the recipes by calories through descending or ascending order.
17. USERS SHALL BE ABLE TO SORT RECIPES BY PROTEIN
    - For users who are interested in increasing their protein intake (fitness reasons, etc), they can find recipes that have a high level of protein
18. USERS SHALL BE ABLE TO SORT RECIPES BY FAT
    - User can find recipes with lower levels of fat
19. USERS SHALL BE ABLE TO SORT RECIPES BY FIBER
    - Users can find recipes that have high or low amounts of fiber depending on their dietary needs
20. USERS SHALL BE ABLE TO FILTER RECIPES BY INGREDIENTS
    - Users who don't want an ingredient in their recipe, the user can filter the recipe with what the user wants.
21. USERS SHALL BE ABLE TO FILTER RECIPES BY DIETARY RESTRICTIONS
    - Halal, Kosher
22. USERS SHALL BE ABLE TO FILTER RECIPES BY COOKING AIDS REQUIRED
    - Stovetop, oven, microwave
23. USERS SHALL BE ABLE TO FILTER RECIPES BY DIFFICULTY
    - Users who are new to cooking can find the simplest recipes easily, while experienced cooks can find more complex recipes, as well as recipes in between
24. USERS SHALL BE ABLE TO VIEW OTHER USER'S FAVORITE INGREDIENTS
    - If a student knows they have a similar taste in food as another user, they can see what ingredients they've enjoyed cooking with
25. USERS SHALL BE ABLE TO VIEW OTHER USER'S FAVORITE RECIPES
    - If a student knows they have a similar taste in food as another user, they can see what that other user has cooked and enjoyed before
26. USERS SHALL BE ABLE TO VIEW AVAILABLE INGREDIENTS
    - A user can look ahead of time at what is being offered to see if they are interested in those ingredients and/or the recipes associated with them
27. USERS SHALL BE ABLE TO SHARE RECIPES
    - A user who liked a recipe are able to share it to another user.
28. USERS SHALL BE ABLE TO SUBMIT RECIPES
    - Available to be viewed by fellow students enrolled in the food program
29. USERS SHALL BE ABLE TO TRANSFER ENROLLMENT IN UNIVERSITY FOOD PROGRAMS

- Migrate information/favorites/history to a new account at a different school(?)

30. USERS SHALL BE ABLE TO SWITCH BETWEEN LIGHT AND DARK MODE
    - Depending on the user preference, the user is able to switch the style of the user's page by their liking.
31. USERS SHALL BE ABLE TO ALLOW NOTIFICATIONS
    - MAILING LIST, TEXT NOTIFICATIONS
    - Users can enable notifications on their device to be alerted of the week's groceries and recipes
32. USERS SHALL BE ABLE TO UPLOAD PHOTOS OF THE RECIPES THEY COOK FOR REVIEWS
    - If users have cooked a recipe, they can share how it turned out visually
33. USERS SHALL BE ABLE TO REPORT PHOTOS OR REVIEWS
    - If other users are violating community guidelines, users can report them to administration
34. USERS SHALL BE ABLE TO BLOCK OTHER USERS
    - If a user does not wish to view the content or account of another user, they will be able to block that user. This will restrict that user from viewing the content of the other user, and vice versa.
35. USERS SHALL BE ABLE TO REPORT USER ACCOUNTS
    - If a user includes content that violates community guidelines, other users will be able to send an automated report to the university administrator.
    -
36. USERS AND ADMINISTRATORS SHALL BE ABLE TO FOLLOW THE EXPIRATION DATE CLOSELY AND TAKE THE NECESSARY ACTIONS.
    - To best utilize grocery inventory, the expiration dates of the items will be tracked to use first-in-first-out system
37. ADMINISTRATORS SHALL BE ABLE TO AUTHENTICATE THE USERS.
    - Administrators can prevent duplicate or spam accounts from joining
38. ADMINISTRATORS SHALL BE ABLE TO EDIT THE INGREDIENT LIST
    - Depending on the university's ingredients, if the ingredients change for that week, the administrator should be able to change the ingredient list.
39. ADMINISTRATORS SHALL BE ABLE TO BLACKLIST/ WHITELIST A USER
    - If a user violates community agreements, the administration has the ability to remove them
40. ADMINISTRATORS SHALL BE ABLE TO DELETE USER POSTED RECIPES
    - If a user posts a recipe that violate community agreements, the administration has the ability to remove it
41. ADMINISTRATORS SHALL BE ABLE TO MAKE UNIVERSITY-WIDE ANNOUNCEMENTS
    - If there is a special announcement that the university wants to make, administrators are able to make the announcements.
42. ADMINISTRATORS SHALL BE ABLE TO PROMOTE RECIPES
    - "Gator-fried rice!" "You're telling me a gator fried this rice?"
    - "Golden-gate fries"

43. ADMINISTRATORS SHALL BE ABLE TO VIEW ALL USER-REPORTS
    - Users who reported another user for any reason, the administrator should be able to review the report and take action if needed.
44. ADMINISTRATORS SHALL BE ABLE TO REMOVE RECIPES OR REVIEWS
    - If a user posted an inappropriate review or recipe, the administrator is able to remove it.
45. ADMINISTRATORS SHALL BE ABLE TO REMOVE USER ACCOUNTS
    - If a user doesn't follow community guidelines/ agreements or if there is something technically wrong, the administrator is able to remove the user account from the system.
46. SYSTEM SHALL BE ABLE TO GENERATE RECOMMENDED RECIPES
    - Based on the user's preferences and weekly ingredients, system will show recipes that correspond to them
47. SYSTEM SHALL AUTOMATICALLY ENROLL USERS IN CORRESPONDING UNIVERSITY FOOD PROGRAMS
    - As a student of the university, they get an account automatically made for them with the program.
48. SYSTEM SHALL ENSURE RECIPES ARE AVAILABLE FOR ALL (MAJOR) DIETARY RESTRICTIONS
    - I.e. VEGAN/VEGETARIAN/PESCATARIAN/LACTOSE-INTOLERANCE
    - Administrators shall be able to review the recipes submitted before posted on the system.
49. SYSTEM SHALL TELL ADMINISTRATORS WHEN FOOD HAS SPOILED
    - If food has expired/spoiled, the system will notify the administration as soon as possible so they can best respond/make sure they don't distribute the items
50. SYSTEM SHALL TELL ADMINISTRATORS WHEN AN INGREDIENT HAS RUN OUT OF STOCK
    - If a food item has run out, the system will notify the administration as soon as possible so they can best respond/possibly offer something else

List of Non-Functional Requirements

- Privacy & Security:
    - Users must check and confirm their preferences regarding personal information upon account creation.
    - Passwords MUST be encrypted and NOT PLAINTEXT for security reasons
    - Emails must be validated (be an email from the universities domain)
    - WE WILL NOT SELL YOUR DATA TO AI
- Expected Load:
    - Support 200,000 unique students
- Response Time:
    - System shall respond visually within 7 seconds
    - File Size of Photos shall not exceed 10MiB
    - File formats for photos shall include:
        - .png
        - .jpeg
        - .heic
        - .heif
- Stylistic:
    - Each page shall has the program's logo visible in the header
- Hardware:
    - Display dimensions supported(css):
        - Phone
        - Tablet
        - Monitor
- Software:
    - We will support:
        - Firefox
        - Chromium

Competitive Analysis

Feature	Company			
	HelloFresh	FoodCombo	Too Good To Go	Imperfect Foods
Strengths	• Lots of variety with different diets • Flexible with skipping meals • Several discounts available	• Robust meal planning • X missing ingredients to next best recipe • Lots of options to sort by	• Reduces food waste • Affordable meal options • Easy to use app interface	• Simple model - sustainable grocery delivery • Strong control over delivery cadence
Weaknesses	• Expensive • Does not have options for 1 person (only 2 or 4 people)	• No way of procuring ingredients • Long load times • hard to select ingredients	• Limited availability depending on location • Quality of food can be inconsistent	• Food is surplus - cosmetic imperfections • Weekly delivery, slot based • Website is cluttered
Pricing	• $8.99 per serving ($10.49 per serving if buying 2 meals per week for 2 people)	• Free online tool	• Prices vary; typically significantly lower than regular prices	• Signup is free, just pay for groceries and delivery fee
Social Media	• Instagram, Facebook, Television, Podcasts	• none	• Instagram, Facebook, Twitter	• Instagram, Facebook, Twitter, Tiktok, Pinterest
Onboarding Experience	• 5 relatively simple steps	• Easy - start from the homepage	• Simple app download and account creation	• Free sign up, start by entering zip code

Feature	HelloFresh	FoodCombo	Too Good To Go	Imperfect foods	ScholarEats
Ease of Obtaining Ingredients	++	-	++	++	+

Has Recipes Readily Available	+	+	+	-	++
Ease of sorting by dietary restrictions	+	+	-	-	++
Regular update of Inventory	+	-	-	-	+
Automatic Enrollment	-	-	-	-	+

Summary

ScholarEats can stand out by focusing on the specific needs of university students. It can integrate with existing college grocery distribution systems, making it easier for students to find ingredients they know and love. This strategy will help ScholarEats grow and become a valuable tool for students, helping them with meal planning, cooking, and healthy eating. ScholarEats will excel in presenting users with quick and easy recipes which can be sorted by various dietary restrictions, with a constantly updated list of groceries that students can pick up from their local campus grocery distribution system. This will make it easier for our users to take advantage of programs that will benefit them that they may not know about or may be too lazy to look into.

Checklist

- Team found a time slot to meet outside of the class [**DONE**]
- Github master chosen [**DONE**]
- Team decided and agreed together on using the listed SW tools and deployment server [**DONE**]
- Team ready and able to use the chosen back and front end frameworks and those who need to learn are working on learning and practicing [**ON TRACK**]
- Team lead ensured that all team members read the final M1 and agree/understand it before submission [**DONE**]
- Github organized as discussed in class (e.g. master branch, development branch, folder for milestone documents etc.) [**ISSUE**]
    - Team lead and GitHub Master have not discussed how we are going to handle testing our team's code before pushing to main yet, but we have a meeting scheduled June 28th to do so.

High-Level System Architecture and Technologies Used

- Host: Amazon Web Service
    - EC2
    - RCS
- Package Manager: NodeJS
- Node Packages being Utilized:
    - Bcrypt
    - Express
    - Express-Handlebars
    - Express-Session
    - Handlebars
    - Path
    - mysql-server
- Database: MySQL
- Primary Back-End Language: JavaScript
- Additional Supportive Tools:
    - Docker

List of team contributions

Team Member	Role	Score	Contributions
Donovan Taylor	Frontend Lead	10/10	● Drafted the HTML templates for the Team's About Pages ● Drafted CSS for the Team's About Pages ● Took the initiative to lay the groundwork for utilizing Node.js in the tech stack ● Led meetings for relevant tasks
Hancun Guo	Frontend	7/10	● Assisted Front-end Lead ● Assisted Documentation Editor
Edward Mcdonald	Backend Lead	9.5/10	● Installed and configured Tech Stack ● Identified Issue with deployment and incorporated pm2 into the tech stack to make deployment consistent and easier. ● Assisted the Git-Hub Master with included procedures within the Git Repository ● Led meetings for relevant tasks
Karl Carsola	Backend	6/10	● Assisted Back-end Lead ● Assisted Documentation Editor
Sai Bavisetti	Database	5/10	● Assisted Documentation Editor
Maeve Fitzpatrick	Docs Editor	10/10	● Coordinated with many members of the team simultaneously to complete large sections of the Milestone 1 documentation. ● Led during relevant tasks
Sabrina Diaz-Erazo	Github Master	10/10	● Took the initiative to start the RCS Database Instance while the Team Lead was unavailable ● Ensured all procedures and required documentation was present within the Github Repository ● Coordinated with other team members to start/stop testing as required.