

Team logistics and evaluation

Team name

- 2Cool 2Cook

Team member names and roles

- Ruisi Jian (Expert coder/Full-stack)
- Yueting Liao (Team leader)
- Yuchen Wang (Front-end/UI design)
- Yifan Wang (Back-end/Database design)
- Xiaoyu Zhang (Back-end/Search algorithm)

Any changes to your team dynamics, individual roles, weekly team meetings schedule, how meetings are run, where to find meeting minutes and other artifacts, etc.

Weekly team meeting schedule in EDT

- Mon/Thu 9:00 AM - 10:50 AM

A summary of how you will run each meeting and where minutes will be recorded and stored (and searchable)

- Summarize and evaluate what we did in the last meeting and conclude our inadequacy.
- Each member will be reporting their progress of tasks and potential problems from the last meeting
- Discuss the progress made so far and evaluate for potential improvements.
- Provide some constructive thinking and set a list of tasks for the next meeting.
- Assign appropriate works for each team member.
- Use Google Doc to record the minutes from the meeting (One Doc for all meetings)
- Meeting Minutes:

https://docs.google.com/document/d/1mJW8UWMUnrlh8FBEff_GY9MLaYU6fGM3n-BjViskeRc/edit?usp=sharing (updated every meeting)

Nooks room we typically meet in

- K

Project's URL

- <https://github.com/YuetingLiao/SDD-Team.git>

Project status reports

Write a final project status report that summarizes the state of your project at the end of the semester. List any recent issues encountered, and for each issue, include a brief summary, the person responsible for resolving the issue, and how the problem was solved.

The current state of the project:

- The overall progress of the project is almost finished within our expectation
All the essential features were completed, including search, filter information, display information tables on a different page, store data to the personal profile, finalize the database tables, and finish UI design. Most of the features were tested and running correctly.
- Menu Page fully implemented with the addition of tables in the database
Ruisi completed the essentials of the Menu page. It included a menu display that the user could add recipes to. The users could move the recipes between the different meal types listed in the menu. It included an ingredient list organized by meal type that the user could check off and the database will record the interaction. It included a page of nutrition display that dynamically displayed the nutrition info in form of tables and pie charts. It also included an instruction page that dynamically displayed a progress bar for each recipe in the menu and a list of instructions that could be checked off just like ingredients. It also has a timer tool.
- All webpages in the project have a consistent style
This issue would serve as the starting point of the UI design of the project. Ruisi was responsible for solving this issue. She needed to set up the basic CSS style that all webpages of the project would employ. She also needed to find a way to conveniently link all the HTML files with this CSS file in node-red. She solved this issue by hosting the CSS file under a URL. And add a single line of link reference in each HTML file to get the CSS content so all the Webpages would get a consistent rendering style.
- Farmers market page implemented all features and consistent UI
The issue was solved and closed during the implementation stage of the project. Added pagination is essential for all the search pages, and search by different conditions on the page was implemented. The search by feature was lacking the problem of Javascript and HTML connection, and it was solved by pass the correct parameter into the Javascript file.

Also include a summary of how each team member contributed to the specific deliverables.

Xiaoyu Zhang: Improve the UI of the Landin page. Make sure that the entire page gives people a sense of clearness. I put login, logout, and register buttons on the right upper corner. I moved the search bar into the middle and made sure that the outcome can only show 20 results as the maximum on each page if the number of results is over 20. I add next and prev buttons to navigate the next page or previous page of results. When it reaches the first page, only show the next button; when it reaches the last page, it only shows the prev button. In addition, I add link for each recipes name and navigate to corresponding ingredient page

Yuchen Wang: Improve the UI of the recipe page. Use charts to give users a clear version of nutrition. Connect to other pages with buttons. Adding the ability to add the recipe to the menu page. So users can add a recipe to their daily menu when they find a recipe they want.

Yifan Wang: Responsible for the user profile page. Responsible for designing the preferences and allergies database and connecting it to the user profile web page using node-red and SQL techniques. So users are able to add preference and allergy to the database and show on their account. Also, improve the UI design to fit the whole web page's design and aesthetic after all features are done.

Ruisi Jian: Completed the design and implementation of the Menu page. Set up a single CSS file that would be used as the basis of UI design of web pages under a consistent style. Help the UI design and improvement of the Recipe page. Help improve the UI of the user profile page. Design and implement unit tests for the project.

Yueting Liao: Responsible for managing the overall progress of the project, set the detailed schedule for each stage, and be supportive of the team. Also, implemented more core features for the farmers market page and implemented UI design for the landing page and farmers market page.

Code Base

In addition to including a URL to your code repository, write at least one paragraph summarizing the state of your code. Consider your audience to be another development team that will inherit your (well-documented) code. Therefore, describe code that is production-ready versus code that is not yet ready for release. Also, what code (and therefore parts of the design) have not yet been written?

Project's URL

- <https://github.com/YuetingLiao/SDD-Team.git>

The state of the project is close to the end. The overall progress of the project meets our schedule and expectations. All the essential features were completed, including search, filter information, display information tables on a different page, store data to the personal profile, finalize the database tables, and finish UI design. Most of the features were tested and running correctly.

The code that is production read is the Menu page, Ingredient page, landing page, and farmers market page. The UI design is consistent across the project, so another development team could just implement new features based on the existing website structure. The user profile page is not ready to release but close to finishing the implementation, the feature of connecting allergy or preference to the landing search page has not been implemented yet. Therefore, the team decides the page not to release.

The rating and ranking of the recipe are not yet written. The next step would include setting a database recording the rating of the recipes from the users. Also, the user is not able to delete their preferences and allergies from the user profile page. And there is still no code that would check and prevent the users from adding conflicting preferences and allergies. Another feature that has not been written is the ability to filter out recipes that contain ingredients inside the allergy database that was entered by users on the user profile page.

Test plan results

Include your test plan from Team Deliverable 4 with additional tests that you have added since that deliverable. Add “Actual Output” and “Actual Side Effects” columns and fill them into the extent possible, showing your most recent test results. And remember that these are not unit tests; instead, these tests focus on functionality, behavior, performance requirements, ethical considerations, etc.

Test cases within the spreadsheet link:

<https://docs.google.com/spreadsheets/d/1CDP5109MZNYJENNPTTr1DOwuiu9ZCpnWdOanTFwsk2ks/edit?usp=sharing>

Requirements and use cases review

As a team, review your requirements with the goals of checking off requirements that have been met and identifying new or revised requirements. To accomplish this, add a “Requirement Delivered” column and check off the requirements that your system successfully met. Also review your use cases with the same goals in mind|include a list of all of your use cases (i.e., by name), checking off those that have been implemented. Separately, describe any changes or additions made to your requirements and use cases. Indicate the requirement IDs and/or use case IDs that have changed or been added. For changes, briefly describe why the change was made. Try to at least capture the more substantial changes that were made.

ID	Requirement	Priority	Stakeholder	Feasibility	Requirement Delivered
1	Search for a recipe	high	Cooking novice; Indecisive users	Phase 1	Yes
2	Smoothly navigate through different pages with a logical flow	high	All users	Phase 1	Yes
3	Search for a farmers market	medium	All users	Phase 2	Yes
4	Comment on the recipes	low	All users	Phase 3	Yes
5	Rating for the recipes	low	All users	Phase 3	No
6	Verifying the recipes	low	Staff	Phase 3	No
7	Set timer for certain steps that require timing	low	Cooking novice	Phase 3	Yes
8	Update Rating weekly	low	All users	Phase 3	No
9	Add dietary preferences	medium	All users	Phase 2	Yes
10	Drop dietary preferences	medium	All users	Phase 2	No
11	Add allergy to user profile	medium	All users	Phase 2	Yes
12	Set up a daily menu	high	Cooking novice	Phase 1	Yes
13	User login account created	high	All users	Phase 1	Yes

14	User feedback	low	All users	Phase 3	No
15	User account deactivate	low	Staff	Phase 3	No
16	Add a favorite recipe to the user profile	medium	All users	Phase 2	No
17	Remove favorite recipe from the user profile	medium	All users	Phase 2	No
18	Displays weekly top 10 recipes	medium	All users	Phase 2	No
19	Sort the recipe searching result by recipe rating	medium	All users	Phase 2	No
20	Check off steps on the procedure when completed	low	Cooking novice	Phase 3	Yes
21	Display the market does not exist output (Add)	low	All users	Phase 3	No
22	Farmers market should be displayed in descending order by city (Add)	medium	All users	Phase 2	Yes
23	User should navigate to an external farmers market page if exists (Add)	low	All users	Phase 3	Yes
24	able to navigate ingredient page through the recipe names of searching output (Add)	medium	All users	Phase 2	Yes
25	Searching output will not be affected by the small and capital letter (Add)	high	All users	Phase 1	Yes
26	None of the markets are displaying and the next page/prev page does not have any effects (Add)	low	All users	Phase 3	Yes

ID	Use Case	Implemented
1	Search for a Recipe	Yes
2	User Creates a Login Account	Yes
3	User Creates a Daily Menu	Yes
4	Apply Filters by Allergy	No
5	User feedback	No
6	Favourite Recipes	No
7	Rate the Recipe	No
8	Sort the Search Result by Rating	No
9	Ranking List for Top 10 Recipes for Each Week	No
10	Search for Nearby Farmers Market for to buy Ingredients	Yes
11	Set timer for certain steps that require timing (Add)	Yes
12	Add recipe under meal type in menu (Add)	Yes
13	Add ingredient to allergy (Add)	Yes
14	Check off ingredient from list (Add)	Yes
15	Check off instruction from list (Add)	Yes
16	Rank recipes by nutritions (Add)	Yes

The changes were made for both requirements and use cases. These changes were made primarily due to time limit, priority of requirement, and difficulty of implementation. The rating system was removed for the current project schedule, so all the requirement/ use cases related to rating system were not implemented. Additionally, some of the user cases and requirements such as admin page and deactivation of user account seems irrelevant to our project. So as we polish and narrow down our focus, we remove those requirements and user cases from the task list.

Moreover, our team has added additional features such as the display of nutrition information on the recipes. As we collect our data, we found there is nutritional information in our data set. Therefore, we decided to add this feature to maximize the use of our data set and give our user more relevant information on the recipes.