Task 1:

86 NO MORE

A Kitchen Intelligence Solution

Frontend

Backend

About:

With the help of the cutting-edge menu planning application 86-No-More, eateries can create dynamic menus that are changed in real time according to the availability of ingredients. By using this technology, restaurant employees can avoid having to "86" menu items because of out-of-stock ingredients by knowing when to refill goods. Along with tracking more kitchen resources, new features include the ability to estimate overall food waste by tracking inventory added and estimating how much is utilized before expiration. The platform also offers distinct dashboards for employees and clients, guaranteeing that each receives a customized and unambiguous view of pertinent data.

Why is this better?

-Dual-Purpose Interface:86-No-More provides a smooth ordering experience for patrons and assists restaurant employees in managing ingredients and menu items. It also provides real-time updates for a better user experience.

-Expiration Alerts & Automation of Inventory: By updating inventory with every order and sending automated email alerts for expiring ingredients, the software minimizes manual labor.

- Food Waste & Resource Tracking: This was the most recently added feature. This app implemented a way to estimate the total food waste of a restaurant in order to compare it to national averages. In addition to existing features to track food wastage and available inventory, this tool is invaluable to restaurant managers and owners that need a better way to organize their inventory.

Future Improvements:

-Automated Allergen and Dietary Filter: Enhance customer pleasure and safety by incorporating an automated filter into the customer-facing menu that enables users to view items that immediately correspond with their dietary restrictions or allergies.

-Predictive Restocking Recommendations: The app may forecast when particular ingredients are likely to run low based on past data and ordering trends, offering the best times to replenish in order to reduce waste and out-of-stock situations.

-Remove deprecated dependencies: This application uses several deprecated libraries. For future stability and security, it would be valuable to update the dependencies and ensure compatibility

-Fix single sign on: Previous versions included a single sign on feature that no longer works, but would improve convenience and accessibility if resolved.

Robust Testing:

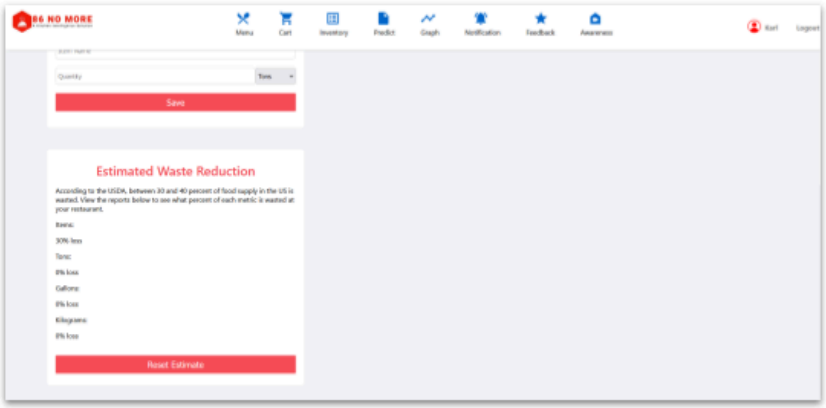
This application tests both its frontend and backend. Each frontend component is tested, totaling in 22 tests. The backend contains 10 unit tests.

Stack Interest:

React, Node.js, and Express.js are all javascript frameworks that cover the full stack for this project. Contributing to this project will be useful practice for improving javascript skills relevant to every component of software development.

MongoDB will give useful experience in NoSQL databases, which is a valuable skill for developers.

Waste reduction Estimates:



Video demonstration:

Team 75:

Karl Peterson
Sai Manvija Cherukuri
Durga Krishna Sai Nikhita Maguluri

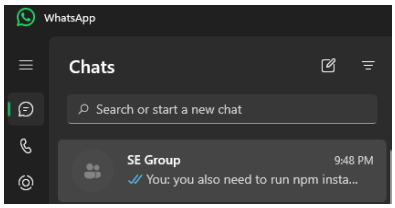
Task 2:

https://github.com/CSC-510-Group75/86-no-more-frontend
https://github.com/CSC-510-Group75/86-no-more-backend

Notes:
-Working Tests are in the backend repository

Task 3:

Workload is spread over the whole team (one team member is often Xtimes more productive than the others…	1	https://github.com/CSC-510-Group75/86-no-more-frontend/pulse
but nevertheless, here is a track record that everyone is contributing a lot)	1	https://github.com/CSC-510-Group75/86-no-more-backend https://github.com/CSC-510-Group75/86-no-more-frontend
Number of commits	3	
Number of commits: by different people	1	https://github.com/CSC-510-Group75/86-no-more-backend https://github.com/CSC-510-Group75/86-no-more-frontend
Issues reports: there are **many**	2	https://github.com/CSC-510-Group75/86-no-more-backend/issues https://github.com/CSC-510-Group75/86-no-more-frontend/issues
Issues are being closed	2	https://github.com/CSC-510-Group75/86-no-more-backend/issues

		https://github.com/CSC-510-Group75/86-no-more-frontend/issues
Docs: doco generated, format not ugly	2	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Docs: what: point descriptions of each class/function (in isolation)	1	Describes features, but not specifics like classes and functions
Docs: how: for common use cases X,Y,Z mini-tutorials showing worked examples on how to do X,Y,Z	2	Readme shows each feature and how it should function
Use of version control tools	3	Used Github and
Test cases exist	2	https://github.com/CSC-510-Group75/86-no-more-backend/tree/main/test
Test cases are routinely executed	3	https://github.com/CSC-510-Group75/86-no-more-backend/actions
Issues are discussed before they are closed	0	
Chat channel: exists	3	
Test cases: a large proportion of the issues related to handling failing cases.	3	https://github.com/CSC-510-Group75/86-no-more-backend/issues/11 https://github.com/CSC-510-Group75/86-no-more-frontend/issues/9
Evidence that the whole team is using the same tools: everyone can get to all tools and files	0	
Evidence that the whole team	0	

is using the same tools (e.g. config files in the repo, updated by lots of different people)		
Evidence that the members of the team are working across multiple places in the code base	2	
Short release cycles	2	https://github.com/CSC-510-Group75/86-no-more-backend/commits https://github.com/CSC-510-Group75/86-no-more-frontend/commits/main/
The file .gitignore lists what files should not be saved to the repo. See [examples]i(https://github.com/github/gitignore)	3	https://github.com/CSC-510-Group75/86-no-more-backend/blob/main/.gitignore https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/.gitignore
The file INSTALL.md lists how to install the code	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/INSTALL.md
The file LICENSE.md lists rules of usage for this repo	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/LICENSE.md
The file CODE-OF-CONDUCT.md lists rules of behavior for this repo; e.g. see example	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/CODE_OF_CONDUCT.md
The file CONTRIBUTING.md lists coding standards and lots of tips on how to extend the system without screwing things up; e.g. see example	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/CONTRIBUTING.md
The file README.md contains all the following		
Video		https://drive.google.com/file/d/1dI3ti2_9hFpweubr776PAysogxNzK0bp/view?usp=sharing
DOI badge: exists. To get a	3	https://github.com/CSC-510-

Digitial Object Indentifier, regiser the project at Zenodo.		Group75/86-no-more-frontend/blob/main/README.md
Badges showing your style checkers	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Badges showing your code formatters.	0	
Badges showing your syntax checkers.	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Badges showing your code coverage tools	3	
Badges showing any other Other automated analysis tools	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 1.1: Does your website and documentation provide a clear, high-level overview of your software?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 1.2: Does your website and documentation clearly describe the type of user who should use your software?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 1.3: Do you publish case studies to show how your software has been used by yourself and others?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 2.1: Is the name of your project/software unique?	3	
Question 2.2: Is your project/software name free from trademark violations?	3	
Question 3.1: Is your software available as a package that can be deployed without building it?	0	
Question 3.2: Is your software available for free?	3	

Question 3.3: Is your source code publicly available to download, either as a downloadable bundle or via access to a source code repository?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md https://github.com/CSC-510-Group75/86-no-more-backend/tree/main
Question 3.4: Is your software hosted in an established, third-party repository likeGitHub (https://github.com), BitBucket (https://bitbucket.org),LaunchPad (https://launchpad.net) orSourceForge (https://sourceforge.net)?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md https://github.com/CSC-510-Group75/86-no-more-backend/tree/main
Question 4.1: Is your documentation clearly available on your website or within your software?	2	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 4.2: Does your documentation include a "quick start" guide, that provides a short overview of how to use your software with some basic examples of use?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 4.3: If you provide more extensive documentation, does this provide clear, step-by-step instructions on how to deploy and use your software?	2	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 4.4: Do you provide a comprehensive guide to all your software's commands, functions and options?	1	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 4.5: Do you provide troubleshooting information that describes the symptoms and step-by-step solutions for problems and error messages?	0	
Question 4.6: If your software can be used as a library, package or service by other	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md

software, do you provide comprehensive API documentation?		
Question 4.7: Do you store your documentation under revision control with your source code?	3	
Question 4.8: Do you publish your release history e.g. release data, version numbers, key features of each release etc. on your web site or in your documentation?	3	https://github.com/CSC-510-Group75/86-no-more-backend/tree/main https://github.com/CSC-510-Group75/86-no-more-frontend/tree/main
Question 5.1: Does your software describe how a user can get help with using your software?	2	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 5.2: Does your website and documentation describe what support, if any, you provide to users and developers?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 5.3: Does your project have an e-mail address or forum that is solely for supporting users?	2	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md Developer emails are on the readme
Question 5.4: Are e-mails to your support e-mail address received by more than one person?	3	https://github.com/CSC-510-Group75/86-no-more-frontend/blob/main/README.md
Question 5.5: Does your project have a ticketing system to manage bug reports and feature requests?	1	Developers can add issues to handle bugs, but this not receive reports or requests https://github.com/CSC-510-Group75/86-no-more-frontend/issues

Question 5.6: Is your project's ticketing system publicly visible to your users, so they can view bug reports and feature requests?	0	
Question 6.1: Is your software's architecture and design modular?	3	
Question 6.2: Does your software use an accepted coding standard or convention?	3	
Question 7.1: Does your software allow data to be imported and exported using open data formats? e.g. GIF, SVG, HTML, XML, tar, zip, CSV, JSON, NetCDF, or domain specific ones	0	
Question 7.2: Does your software allow communications using open communications protocols? e.g. HTTP, FTP, XMPP, SOAP over HTTP, or domain-specific ones	0	
Question 8.1: Is your software cross-platform compatible? e.g. does it run under two or more of Windows, Unix/Linux and Mac OS X, or can be used from within two or more of Internet Explorer, Chrome, Firefox and Safari?	3	It has been developed for and manually tested with Chrome, Safari, and Firefox
Question 9.1: Does your software adhere to appropriate	3	It uses standard style libraries that were designed with accessibility in consideration

accessibility conventions or standards?		
Question 9.2: Does your documentation adhere to appropriate accessibility conventions or standards?	3	
Question 10.1: Is your source code stored in a repository under revision control?	3	https://github.com/CSC-510-Group75/86-no-more-backend https://github.com/CSC-510-Group75/86-no-more-frontend
Question 10.2: Is each source code release a snapshot of the repository?	3	The main branch of the repository represents the current version.
Question 10.3: Are releases tagged in the repository?	0	We have not tagged specific release versions
Question 10.4: Is there a branch of the repository that is always stable? (i.e. tests always pass, code always builds successfully)	1	The main branch of our repositories are meant to be stable, but
Question 10.5: Do you back-up your repository?	3	The repository is stored in Github and backups are stored on developer's machines
Question 11.1: Do you provide publicly-available instructions for building your software from the source code?	3	README includes building instructions.
Question 11.2: Can you build, or package, your software using an automated tool?	3	Both repositories use NPM to build the software