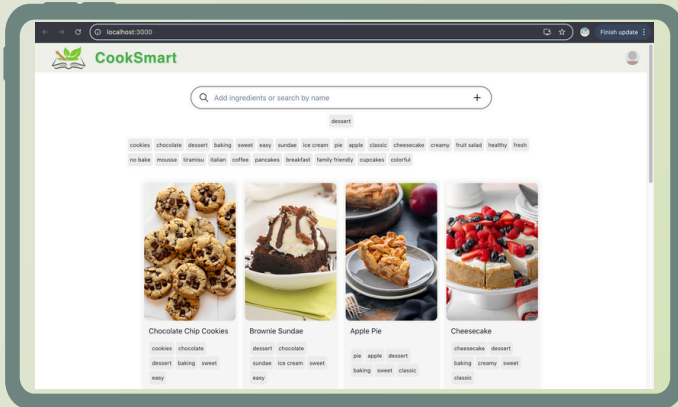




COOKSMART



Meet **COOKSMART** – your go-to app for transforming kitchen ingredients into delicious meals. Find recipes, bookmark favorites, and make home cooking easy and exciting!



WHY COOKSMART



Chef's Assistant: Create a profile to track your favorite recipes, preferences, and bookmarks in one place.

Crave and Find: Type a dish name (like "enchiladas") to instantly find the perfect recipe.

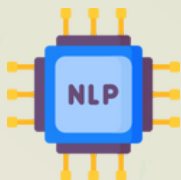
Recipe Stash: Save favorite recipes with bookmarks for easy access when you're ready to cook.

Pantry-to-Plate: Enter ingredients on hand, and we'll suggest recipes to make the most of what's in your kitchen.

UPGRADES



- Advanced Authentication: Integrated a secure authentication service to verify user identities, removing the need for an internal database for user authentication.
- Intelligent Recipe Fetching: Replaced the traditional database recipe loading with NLP-based Gemini API, allowing users to fetch recipes dynamically based on ingredients.
- Bookmarking and Shopping Lists: Enabled users to bookmark recipes for later access and create shopping lists based on these bookmarked recipes.
- Tag-Based Filtering: Leveraged NLP-driven tags from the Gemini API, displaying them as filter buttons. Users can filter recipes by these tags, creating a more customized browsing experience.
- User-Focused Experience: Simplified access to saved recipes, authenticated logins, and filtering, ensuring that users can cook smarter with fewer clicks.



FUTURE ENHANCEMENTS



- Smart Meal Planning: Plan weekly meals using bookmarked recipes and user preferences.
- AI Dietary Suggestions: Suggest recipes based on dietary needs and user behavior.
- Advanced Ingredient Search: Refine recipe suggestions with multi-ingredient inputs.
- Voice Integration: Enable hands-free cooking with voice commands.
- Cross-Platform Sync: Access profiles, bookmarks, and shopping lists on any device.



Group 11 : Sharmeen Momin, Rutvik Kulkarni, Nishad Tardalkar

Repo: <https://github.com/SRN-SE-Fall24/CookSmart>

| Rubric For Repo | Self-assessment score | Evidence |
|--|-----------------------|---|
| Workload is spread over the whole team (one team member is often Xtimes more productive than the others... | 3 | https://github.com/SRN-SE-Fall24/CookSmart/issues |
| but nevertheless, here is a track record that everyone is contributing a lot) | 3 | https://github.com/SRN-SE-Fall24/CookSmart/pulls |
| Number of commits | 3 | https://github.com/SRN-SE-Fall24/CookSmart/commits |
| Number of commits: by different people | 3 | https://github.com/SRN-SE-Fall24/CookSmart/commits |
| Issues reports: there are many | 3 | https://github.com/SRN-SE-Fall24/CookSmart/issues |
| Issues are being closed | 3 | https://github.com/SRN-SE-Fall24/CookSmart/issues?q=is%3Aissue+is%3Aclosed |

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| Docs: doco generated, format not ugly | 3 | Github has all the documentation files |
| Docs: what: point descriptions of each class/function (in isolation) | 3 | |
| Docs: how: for common use cases X,Y,Z mini-tutorials showing worked examples on how to do X,Y,Z | 3 | Github has a live demo of the newly developed features |
| Docs: why: docs tell a story, motivate the whole thing, deliver a punchline that makes you want to rush out and use the thing | 3 | Added in Github Readme.md and project report |
| Docs: short video, animated, hosted on your repo. That convinces people why they want to work on your code. | 3 | Added in the github Readme.md |
| Use of version control tools | 3 | https://github.com/SRN-SE-Fall24/Co-OkSmart |
| Test cases exist | 3 | Github Actions |
| Test cases are routinely executed | 3 | Github Workflow |
| Issues are discussed before they are closed | 3 | |
| Chat channel: exists | 3 | |

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| Test cases: a large proportion of the issues related to handling failing cases. | 3 | |
| Evidence that the whole team is using the same tools: everyone can get to all tools and files | 3 | <p>Git - github being used as a version control system</p> <p>Using reactjs and all packages and versions are set in requirements.txt</p> |
| Evidence that the whole team is using the same tools (e.g. config files in the repo, updated by lots of different people) | 3 | https://github.com/SRN-SE-Fall24/Co- okSmart/blob/master/requirements.txt |
| Evidence that the whole team is using the same tools (e.g. tutor can ask anyone to share screen, they demonstrate the system running on their computer) | 3 | Application runs as expected on all team members machines |
| Evidence that the members of the team are working across multiple places in the code base | 3 | <p>The issues tab in github shows different tasks committed by members.</p> <p>https://github.com/SRN-SE-Fall24/Co- okSmart/issues</p> |
| Short release cycles | 3 | Code is merged within two weeks of issue generation. |

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| | | <p>Working on a sprint cycle of 2 weeks.</p> <p>https://github.com/SRN-SE-Fall24/CookSmart/issues?q=is%3Aissue+is%3Aclosed</p> |
| <p>The file .gitignore lists what files should not be saved to the repo. See [examples]i(https://github.com/github/gitignore)</p> | 3 | <p>https://github.com/SRN-SE-Fall24/CookSmart/blob/master/.gitignore</p> |
| <p>The file INSTALL.md lists how to install the code</p> | 3 | <p>https://github.com/SRN-SE-Fall24/CookSmart/blob/master/INSTALL.md</p> |
| <p>The file LICENSE.md lists rules of usage for this repo</p> | 3 | <p>https://github.com/SRN-SE-Fall24/CookSmart/blob/master/LICENSE</p> |
| <p>The file CODE-OF-CONDUCT.md lists rules of behavior for this repo; e.g. see example</p> | 3 | <p>https://github.com/SRN-SE-Fall24/CookSmart/blob/master/CODE_OF_CONDUCT.md</p> |
| <p>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</p> | 3 | <p>https://github.com/SRN-SE-Fall24/CookSmart/blob/master/CONTRIBUTING.md</p> |

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| The file README.md contains all the following | 3 | https://github.com/SRN-SE-Fall24/CookSmart/blob/master/README.md |
| Video | 3 | https://www.youtube.com/watch?v=Xike19n5li0 |
| DOI badge: exists. To get a Digital Object Identifier, register the project at Zenodo . DOI badges look like this: | 3 | https://github.com/SRN-SE-Fall24/CookSmart |
| Badges showing your style checkers | 3 | https://github.com/SRN-SE-Fall24/CookSmart |
| Badges showing your code formatters. | 3 | https://github.com/SRN-SE-Fall24/CookSmart |
| Badges showing your syntax checkers. | 3 | https://github.com/SRN-SE-Fall24/CookSmart |
| Badges showing your code coverage tools | 3 | https://github.com/SRN-SE-Fall24/CookSmart |

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| Badges showing any other Other automated analysis tools | 3 | https://github.com/SRN-SE-Fall24/CookSmart |
| 1.1: Does your website and documentation provide a clear, high-level overview of your software? | Yes | In Readme.md |
| 1.2: Does your website and documentation clearly describe the type of user who should use your software? | Yes | In Readme.md |
| 1.3: Do you publish case studies to show how your software has been used by yourself and others? | No | Planning to do in the future |
| 2.1: Is the name of your project/software unique? | Yes | CookSmart |
| 2.2: Is your project/software name free from trademark violations? | No | It was checked |
| 3.1: Is your software available as a package that can be deployed without building it? | No | This is a open source project |
| 3.2: Is your software available for free? | Yes | public Github repo |
| 3.3: Is your source code publicly available to download, either as a downloadable bundle or via access to a source code repository? | Yes | public Github repo |

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| 3.4: Is your software hosted in an established, third-party repository like GitHub (https://github.com), BitBucket (https://bitbucket.org), LaunchPad (https://launchpad.net) or SourceForge (https://sourceforge.net)? | Yes | Available in GitHub repository |
| 4.1: Is your documentation clearly available on your website or within your software? | Yes | Available in GitHub repository |
| 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? | Yes | Available in GitHub repository - Its in Readme.md and INSTALL.md |
| 4.3: If you provide more extensive documentation, does this provide clear, step-by-step instructions on how to deploy and use your software? | Yes | Available in GitHub repository |
| 4.4: Do you provide a comprehensive guide to all your software's commands, functions and options? | Yes | Readme.md |
| 4.5: Do you provide troubleshooting information that describes the symptoms and step-by-step solutions for problems and error messages? | Yes | We monitor the Github issues |
| 4.6: If your software can be used as a library, package or service by other software, do you provide comprehensive API documentation? | Yes | Added in Github Repo |

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| 4.7: Do you store your documentation under revision control with your source code? | Yes | Added in Github Repo |
| 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? | Yes | Available on the github repo |
| 5.1: Does your software describe how a user can get help with using your software? | Yes | Email mentioned in Readme.md |
| 5.2: Does your website and documentation describe what support, if any, you provide to users and developers? | Yes | https://github.com/SRN-SE-Fall24/Co-OkSmart |
| 5.3: Does your project have an e-mail address or forum that is solely for supporting users? | Yes | teamsoftwareeng7@gmail.com |
| 5.4: Are e-mails to your support e-mail address received by more than one person? | No | |
| 5.5: Does your project have a ticketing system to manage bug reports and feature requests? | Yes | Issues on the Github are used as tickets and all the things are documented in the same place |
| 5.6: Is your project's ticketing system publicly visible to your users, so they can view bug reports and feature requests? | Yes | On the public Github Repo |

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| 6.1: Is your software's architecture and design modular? | Yes | Reactjs project requirements standards |
| 6.2: Does your software use an accepted coding standard or convention? | Yes | Eslint is used to maintain a specific coding standard in each change |
| 7.1: Does your software allow data to be imported and exported using open data formats? | No | |
| 7.2: Does your software allow communications using open communications protocols? | Yes | Standard protocols |
| 8.1: Is your software cross-platform compatible? | Yes | Tested on Linux, MacOS and Windows |
| 9.1: Does your software adhere to appropriate accessibility conventions or standards? | Yes | In Readme.md |
| 9.2: Does your documentation adhere to appropriate accessibility conventions or standards? | Yes | In Readme.md |
| 10.1: Is your source code stored in a repository under revision control? | Yes | We use Github Public Repo |

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| 10.2: Is each source code release a snapshot of the repository? | Yes | We use Github Public Repo |
| 10.3: Are releases tagged in the repository? | Yes | Github |
| 10.4: Is there a branch of the repository that is always stable? (i.e. tests always pass, code always builds successfully) | Yes | Each release version is tagged before going live |
| 10.5: Do you back-up your repository? | Yes | Yes we have a local copy taken on a daily basis and every stable release will have a version backup taken as can later be used as the starting point in worst case |
| 11.1: Do you provide publicly-available instructions for building your software from the source code? | Yes | In Readme.md |
| 11.2: Can you build, or package, your software using an automated tool? | No | |
| 11.3: Do you provide publicly-available instructions for deploying your software? | Yes | In Readme.md |

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| 11.4: Does your documentation list all third-party dependencies? | Yes | Mentioned in requirement.txt and readme.md |
| 11.5: Does your documentation list the version number for all third-party dependencies? | Yes | Mentioned in requirement.txt |
| 11.6: Does your software list the web address, and licences for all third-party dependencies and say whether the dependencies are mandatory or optional? | Yes | Yes documents and lists all the licences and third-party dependencies |
| 11.7: Can you download dependencies using a dependency management tool or package manager? | Yes | Yes we can download using pip. Mentioned the steps in INSTALL.md |
| 11.8: Do you have tests that can be run after your software has been built or deployed to show whether the build or deployment has been successful? | Yes | Present in the test files |
| 12.1: Do you have an automated test suite for your software? | Yes | We have an automated test suite for continuous development and integration |
| 12.2: Do you have a framework to periodically (e.g. nightly) run your tests on the latest version of the source code? | Yes | Github workflow |

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| 12.3: Do you use continuous integration, automatically running tests whenever changes are made to your source code? | Yes | Github workflow |
| 12.4: Are your test results publicly visible? | Yes | Github actions and workflow |
| 12.5: Are all manually-run tests documented? | Yes | Documented in the repo |
| 13.1: Does your project have resources (e.g. blog, Twitter, RSS feed, Facebook page, wiki, mailing list) that are regularly updated with information about your software? | No | |
| 13.2: Does your website state how many projects and users are associated with your project? | No | |
| 13.3: Do you provide success stories on your website? | No | |
| 13.4: Do you list your important partners and collaborators on your website? | No | |
| 13.5: Do you list your project's publications on your website or link to a resource where these are available? | No | |

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| 13.6: Do you list third-party publications that refer to your software on your website or link to a resource where these are available? | No | |
| 13.7: Can users subscribe to notifications to changes to your source code repository? | Yes | Yes we update the users regarding new releases and announcement |
| 13.8: If your software is developed as an open source project (and, not just a project developing open source software), do you have a governance model? | Yes | We use a OSI approved MIT Licence |
| 14.1: Do you accept contributions (e.g. bug fixes, enhancements, documentation updates, tutorials) from people who are not part of your project? | Yes | We do accept it. The repo is public |
| 14.2: Do you have a contribution policy? | Yes | Mentioned in contributing.md |
| 14.3: Is your contributions' policy publicly available? | Yes | Mentioned in contributing.md |
| 14.4: Do contributors keep the copyright/IP of their contributions? | Yes | Mentioned in contributing.md |
| 15.1: Does your website and documentation clearly state the copyright owners of your software and documentation? | Yes | https://github.com/SRN-SE-Fall24/Co-OkSmart?tab=read |

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| | | me-ov-file#team-members |
| 15.2: Does each of your source code files include a copyright statement? | Yes | We use a OSI approved MIT Licence |
| 15.3: Does your website and documentation clearly state the licence of your software? | Yes | We use a OSI approved MIT Licence |
| 15.4: Is your software released under an open source licence? | Yes | We use a OSI approved MIT Licence |
| 15.5: Is your software released under an OSI-approved open-source licence? | Yes | We use a OSI approved MIT Licence |
| 15.6: Does each of your source code files include a licence header? | No | |
| 15.7: Do you have a recommended citation for your software? | Yes | Yes in the readme.md |
| 16.1: Does your website or documentation include a project roadmap (a list of project and development milestones for the next 3, 6 and 12 months)? | Yes | https://github.com/SRN-SE-Fall24/CoopSmart?tab=readme-ov-file#future-scope |

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| 16.2: Does your website or documentation describe how your project is funded, and the period over which funding is guaranteed? | Yes | No funding to the project. It is a non-profit project. |
| 16.3: Do you make timely announcements of the deprecation of components, APIs, etc.? | Yes | Notifications are posted on Github |