



# COOKBOOK







# MEET OUR TEAM



## VALLIAMMAL COLLEGE FOR WOMEN

### DEPARTMENT OF COMPUTER SCIENCE

NM ID: 149811

Team Size: 4

Team Leader:

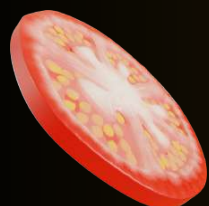
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# ABSTRACT

*This cookbook project is a collection of diverse recipes, catering to all skill levels and dietary preferences. It includes step-by-step instructions, cooking tips, and meal-planning guides. From traditional comfort foods to modern healthy dishes, it offers something for everyone. A perfect resource to inspire and elevate home cooking.*







# FEATURES

- Users can search for recipes easily.
- The app shows ingredient lists for each recipe.
- Step-by-step cooking instructions help users cook.
- Users can log in and save their favorite recipes.

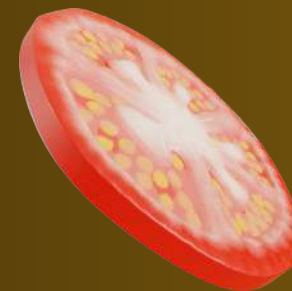
Order Now





# TECHNOLOGY USED

- React.js is used to build the app.
- Redux stores user and recipe data.
- React Router helps move between pages.
- Styled-Components is used for design.







## HOW TO BUILD THE APP?

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- Header has a search bar and menu.
- Sidebar shows categories and trending recipes.
- Home Page displays popular recipes.
- Search Page helps users find recipes.

## HOW TO INSTALL AND RUN THE APP?

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- Install Node.js, npm, and Git on your computer.
- Download the project from GitHub.
- Open the folder and type npm install to add files.
- Start the app with npm start and use it.



# HOW TO DATA MANAGED?

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- Redux stores user login, recipes, and search results.
- useState is used for small temporary changes.
- This helps keep the app fast and smooth.
- Users can easily search and save recipes.





# USER INTERFACE

- Home Page shows featured recipes.
- Categories Page lists popular recipe sections.
- Trending Dishes shows the latest famous recipes.
- The design is simple and easy to use.

# TESTING THE APP

- Unit Testing checks small parts of the app.
- Integration Testing ensures parts work well together.
- End-to-End Testing tests the app like a real user.
- Testing helps find errors and fix problems.







# PROBLEMS AND CHALLENGES

- The search function is slow when many recipes are added.
- Sometimes, loading images takes extra time.
- The app needs more improvements for speed.
- Fixing these issues will make it better for users.

# FUTURE PLANS

- Add user profiles so people can save recipes.
- Allow social sharing of favorite dishes.
- Use AI to recommend recipes based on taste.
- Add animations to make the app smooth.







# CONCLUSION

*The CookBook project is a simple and useful recipe app. It helps users find, save, and follow cooking recipes easily. Built with React.js and Redux, it provides a smooth experience. We faced some challenges, like slow search, but we plan to improve and add more features. In the future, we aim to include user profiles, social sharing, and AI-based recommendations.*







THANK YOU

