

COOKPIT

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SEMESTER 4

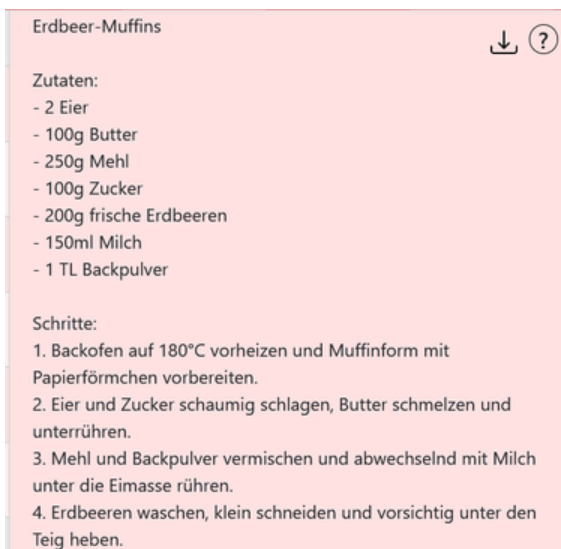


What is CookPit

CookPit is a web application for uploading your recipes to the web. You can browse a large selection of recipes or use our ChatGPT API for AI-generated recipe recommendations.

Key features

- Login with user authentication
- Recipe upload for user with an account
- Search function through our database collection
- Recipe Recommendation on the landing page
- OpenAI api for AI generated recipes



• Architecture

Separation between frontend, backend and database.
enables a modular and scalable solution

• Design Patterns

Template for displaying a cake recipe is used for other categories

• Testing

Component Testing, for communication between like,
RecipeUpload, OpenAI ...
Unit Testing, for Buttons, Inputfiles, Rendering ...

• Metrics

Web Application Performance Metrics (Appendix Scroe)
Web Application Monitoring Tools (User Interactions)

• CI/CD

NodeJS & Docker to ensure the safe operation of CookPit

Our Workflow

Chart one is displaying our planned time effort per Category. Most of the time was spent on implementing functions. In second place was design and in third place documentation and planning

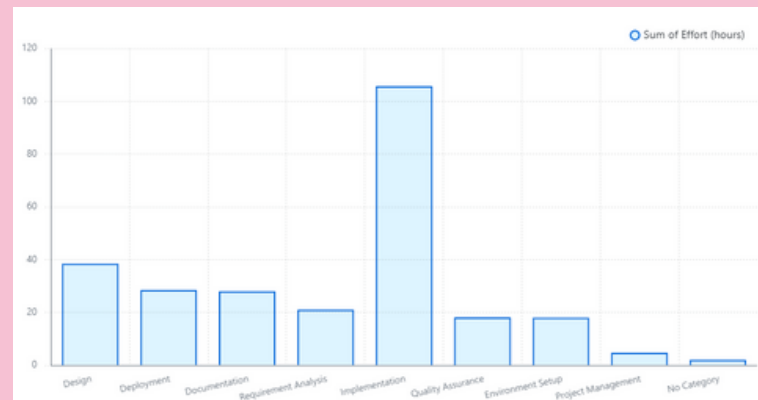


Chart 1

Chart two shows the planned time effort per person.

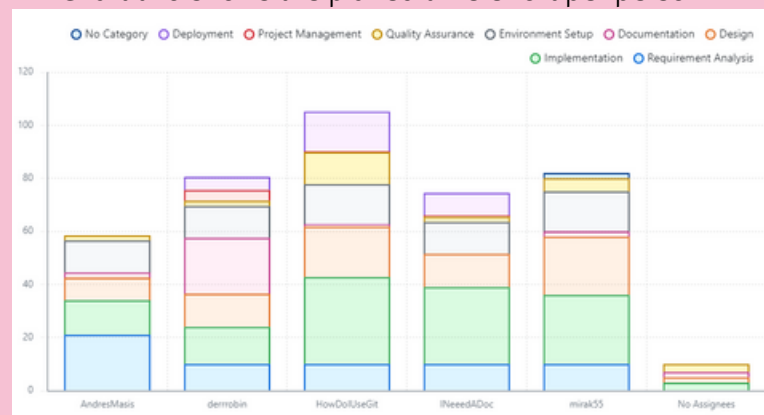


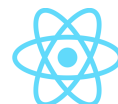
Chart 2

Project environment

- Discord & GitHub as communication platform
- ChatGpt as software tool and API
- React and NodeJS as frameworks
- Scrum and Kanban as techniques
- SQLite as database
- GitHub actions for automated tests
- Strato for website hosting



SQLite



STRATO