



listItGrocery

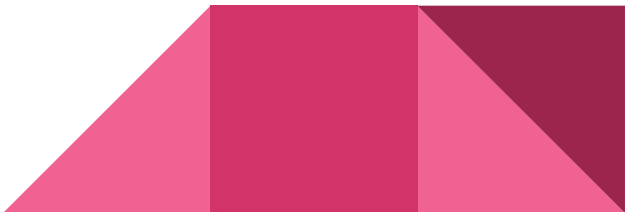
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Agenda

- Project goal
- Design decisions
- Tech stack
- Quality assurance
- Live Demo
- Project management / lessons learned
- CI / CD



Project goal

- ❑ Create lists
 - ❑ Add items
 - ❑ Great User Interface
 - ❑ Save lists and items (offline)
 - ❑ Register a new User
 - ❑ Login-Page (Authentication)
 - ❑ Cross-device synchronisation
 - ❑ show next supermarket on maps
 - ❑ search for recipes
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Project goal

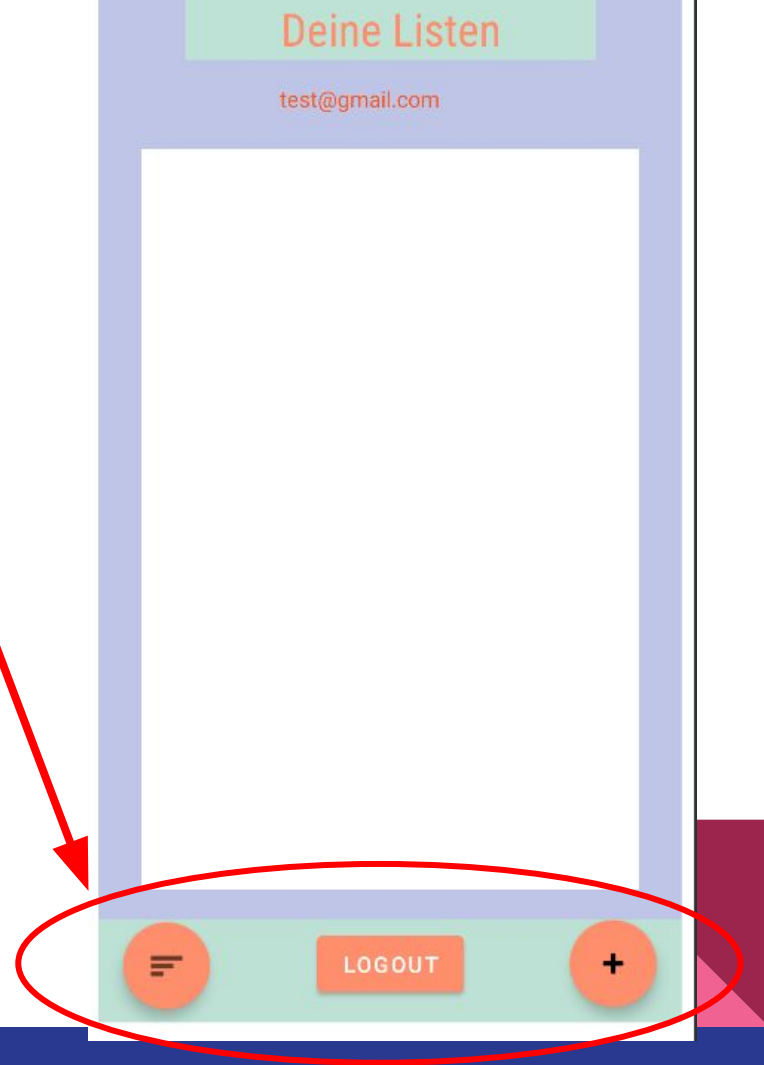
- ✓ Create lists
- ✓ Add items
- ✓ Great User Interface
- ✓ Save lists and items (offline)
- ✓ Register a new User
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- € show next supermarket on maps
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Design decisions

Advantages of placing important functions at the bottom of the screen:

- Easier accessibility with one hand
- Improved usability and simplified interaction
- Scroll down without adjusting grip or hand position
- Using the bottom screen area for easier navigation
- Ensuring constant visibility of important functions through placement at the bottom of the screen



Registrieren

E-Mail

Passwort

Passwort bestätigen

REGISTRIEREN

Du hast bereits ein Konto?

Anmelden

Password confirmation:

- Password confirmation minimizes typing errors during entry
- Reduces the risk of login issues
- Encourages the use of strong and reliable passwords

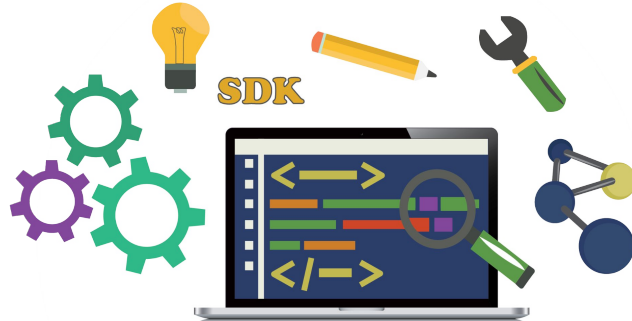
Tech stack - Documentation

- **YouTrack** for issue-tracking and project management
- **GitHub** for version control
- **Wordpress** for blogpost
- **Figma** for the mockup



Tech stack - Development

- **AndroidStudio** as an IDE
- **Java** - programming language (integrated in IDE)
- **XML** - UI for App (integrated in IDE)
- **Firebase** for backend development(Authentication, Data Storage)



Quality assurance / test coverage

- Error prevention
- Error detection and correction
- Ensuring product quality
- Process improvement





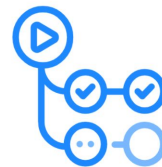
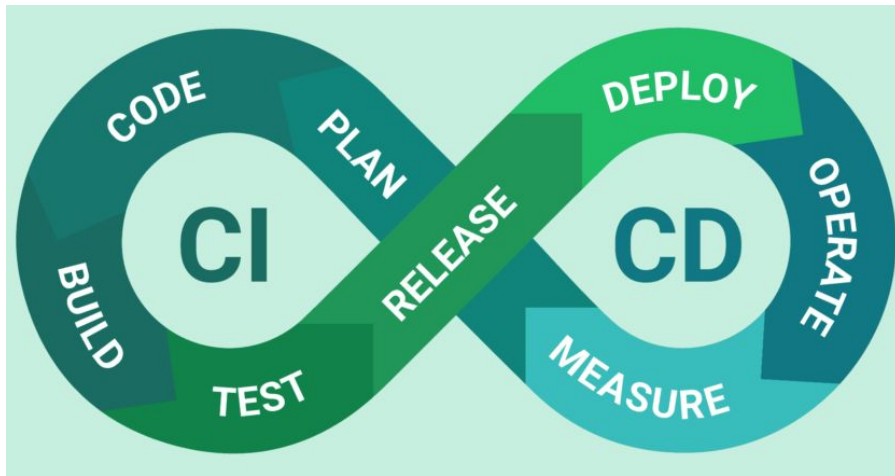
Live Demo

Project management facts and lessons learned

- ! Project management was good scheduled
- ! Working in a group increases productivity
- ! Working with agile board
- ! Invest more time in risk management e.g hardware device
- ! Don't start one day before the deadline



CI/CD setup



GitHub Actions



apptim





Danke für eure Aufmerksamkeit