



Habit Tracking Journal

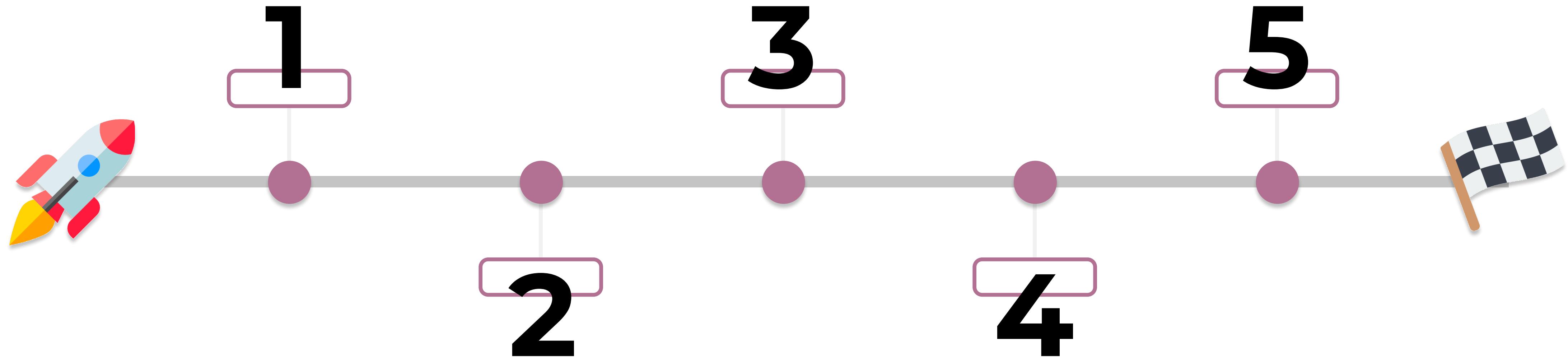
Project 1 - BFH

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Problem / Vision

Demo

Outlook



Realization

Conclusion

1

Problem

- Breaking bad habits is hard
- Build good new habits
- Distracted from performing habits



Vision

- Empowering users to achieve goals
- Reliable, responsive, and secure app
- Make it obvious
- Make it attractive
- Make it easy
- Make it satisfying



1-2

Project Goal

- Build a fullstack webapplication
- Learn and use new technologies
- Get hands-on with Scrum

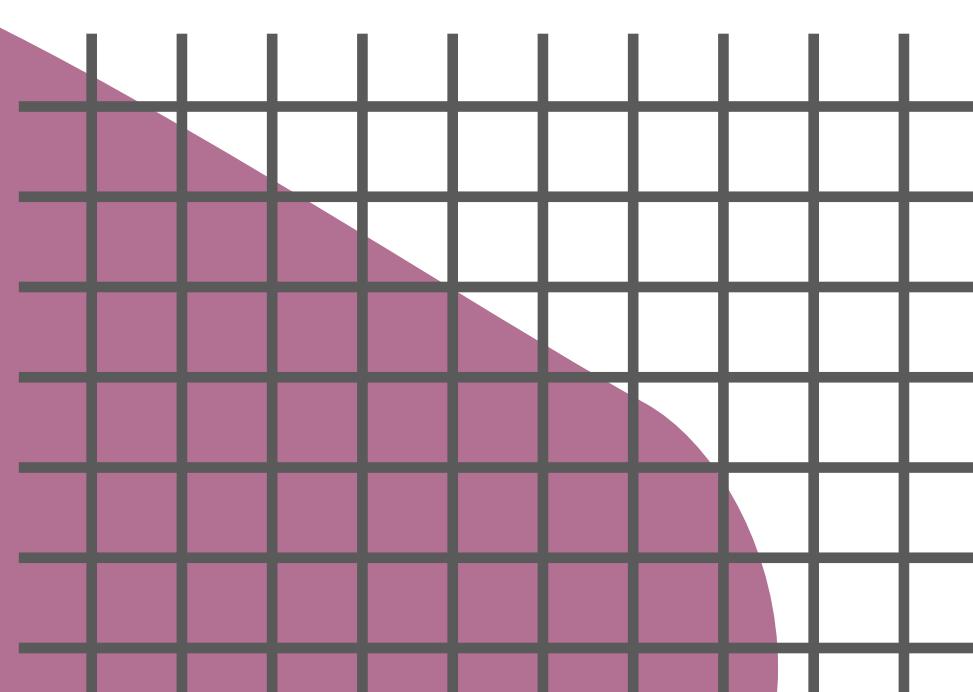


2

Scrum Review



- Roles
- Events
- Artifacts



2

Scrum Review (2)

- Journey from Idea to deployed artifact
 - Epics
 - User Stories
 - Technical Sub Tasks
 - Sprint Planning / Review

2-1

Realization - Frontend

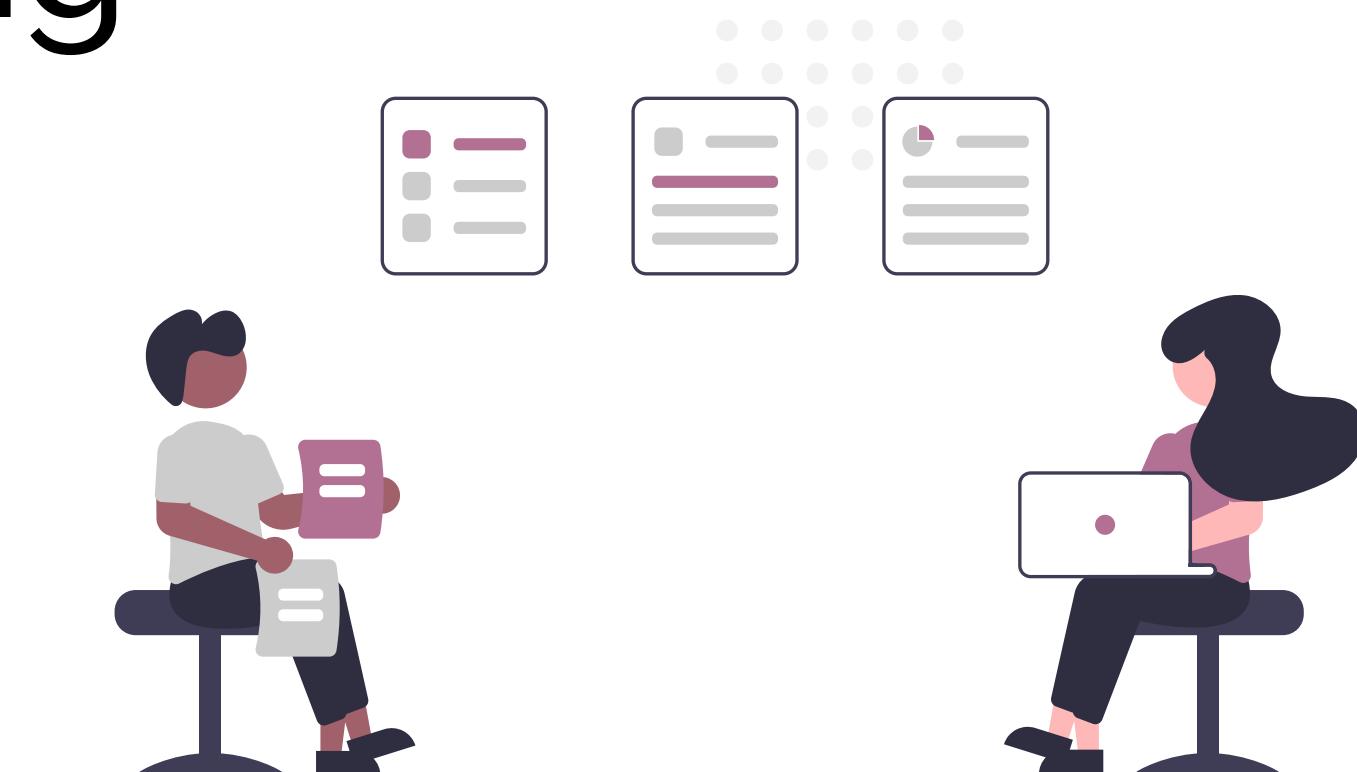
- Figma Prototype
- Next.JS / Tailwind
- Authentication
- Dashboard
- Journal
- Filtering



2-2

Realization - Backend

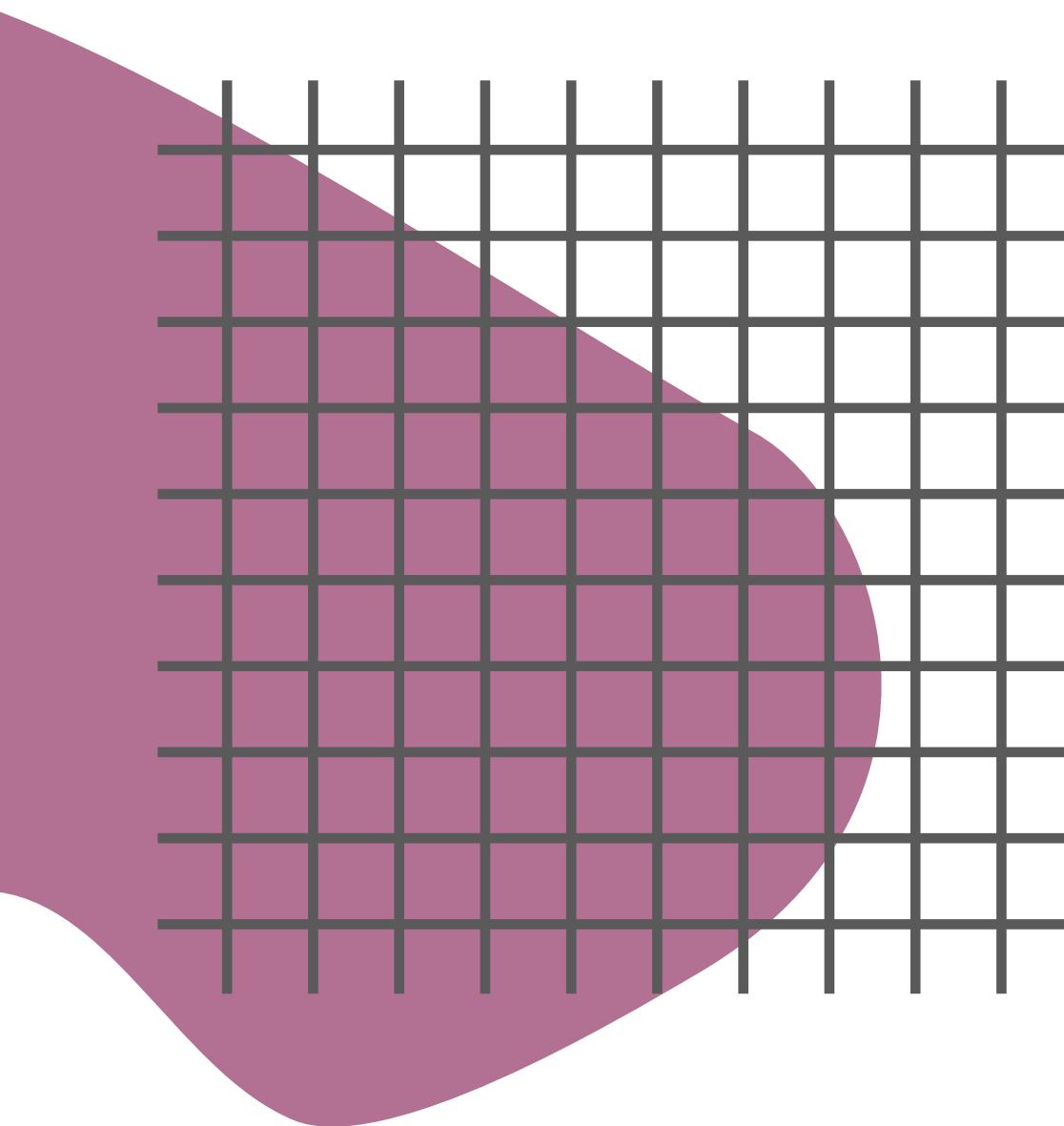
- PostgreSQL with Flyway migrations
- Kotlin Spring Boot
- Spring JWT Authn/Authz
- Unit and Integration testing
- Prod, Local and Dev Env
- Postman



3

Demo

- Running application
- GitHub



4

Conclusion

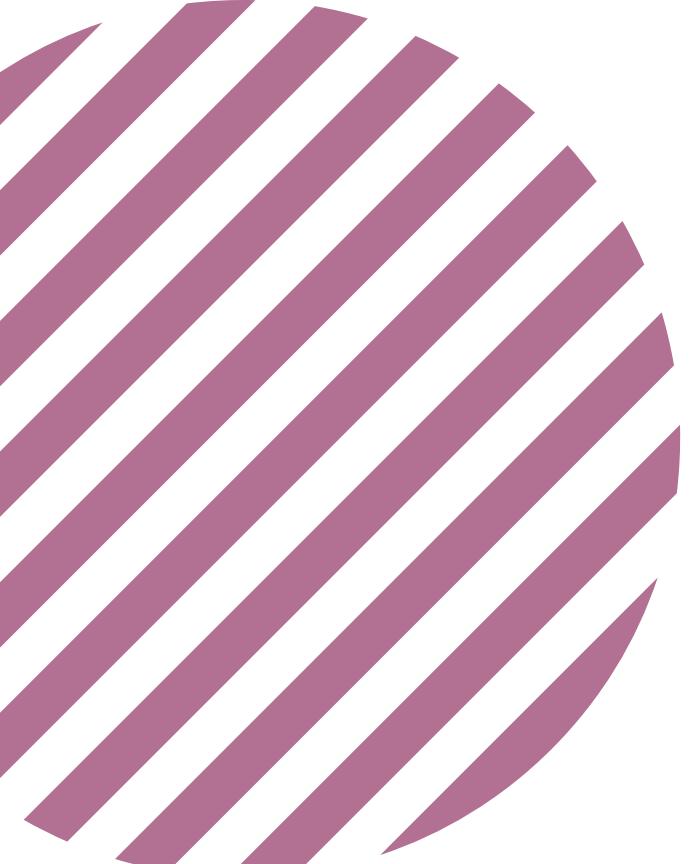
- Boilerplate code took much of the time
- Learning frameworks/tooling/processes
- Solid and working application
- Scrum principles internalized



5

Outlook

- Integrate other services via API
- Notifications and statistics
- Share habits / group goals
- Have a coach (Sports)



Questions / Discussion

