



Habit Tracking Journal

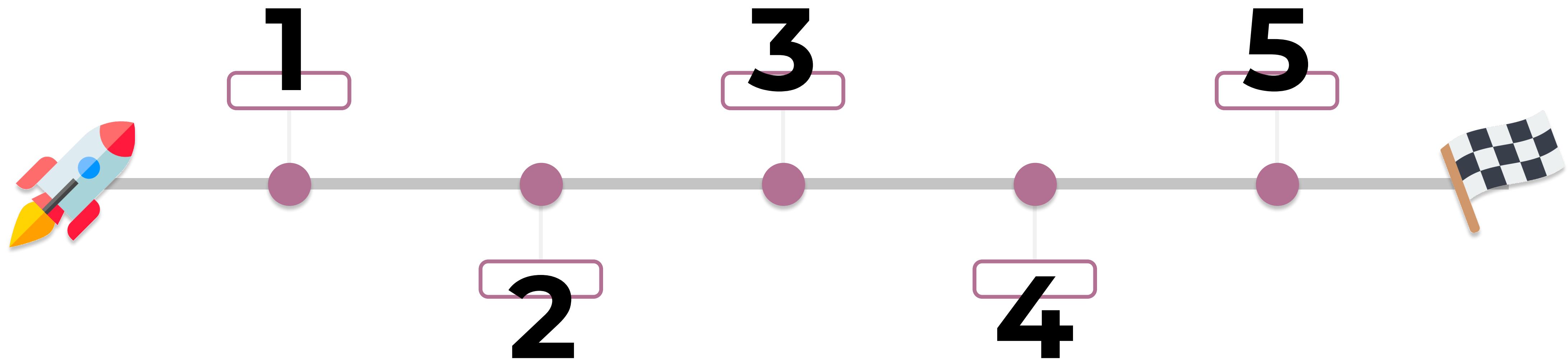
Project 1 - BFH

Bigler Andy, Fuhrer Jan, Lauber Jan

Project Goal

Realization

Conclusion and Outlook



Project Setup

Demo

1

Project Goal

- Build a platform to track habits
- Keep a journal of all practiced habits
- Receive notifications & motivational feedback
- Sharing with other people



Technical implementation

- REST-API Backend with Spring Boot & Kotlin
- Frontend with Next.js
- Smartphone optimized

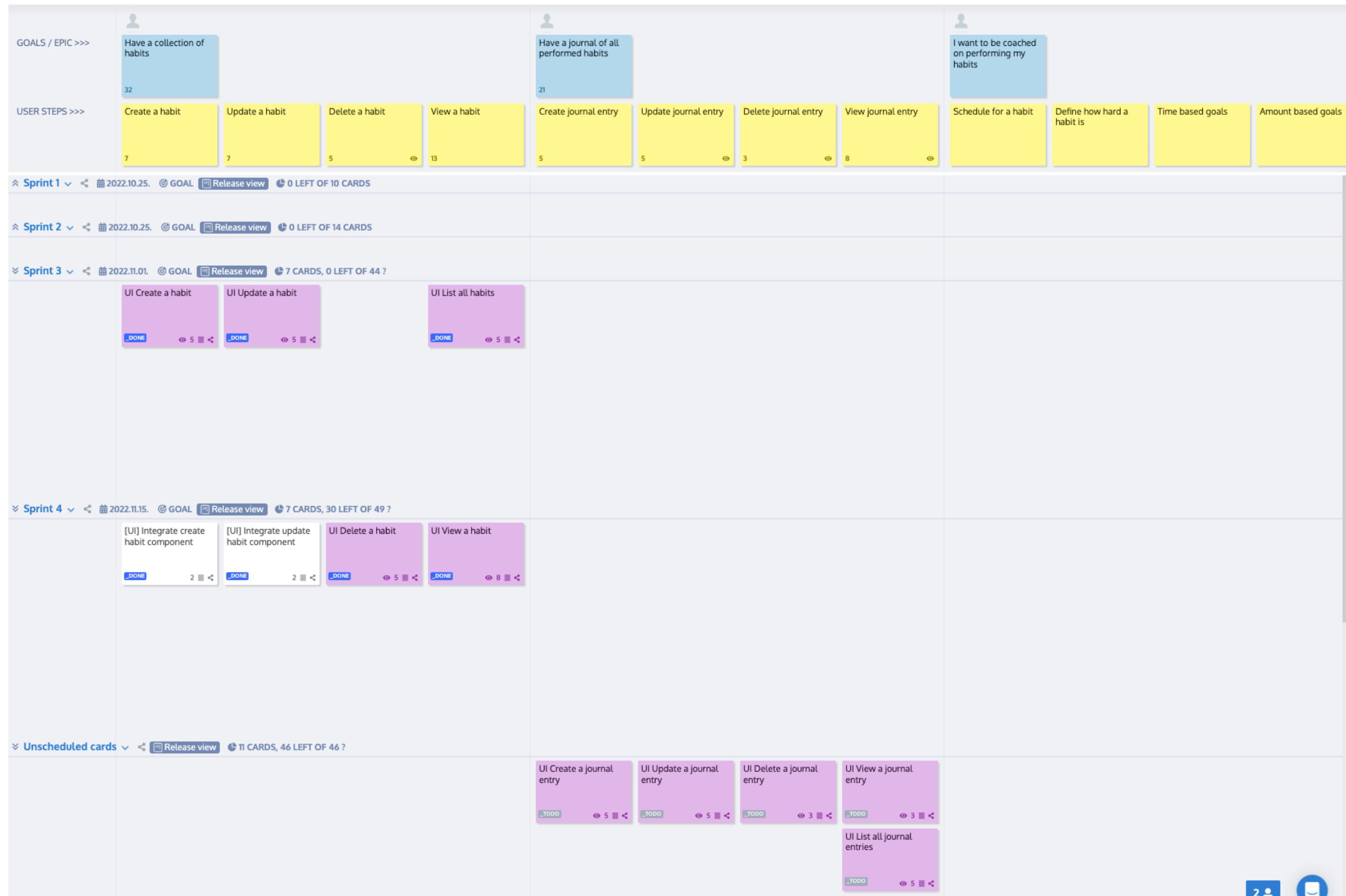


2

Project Setup



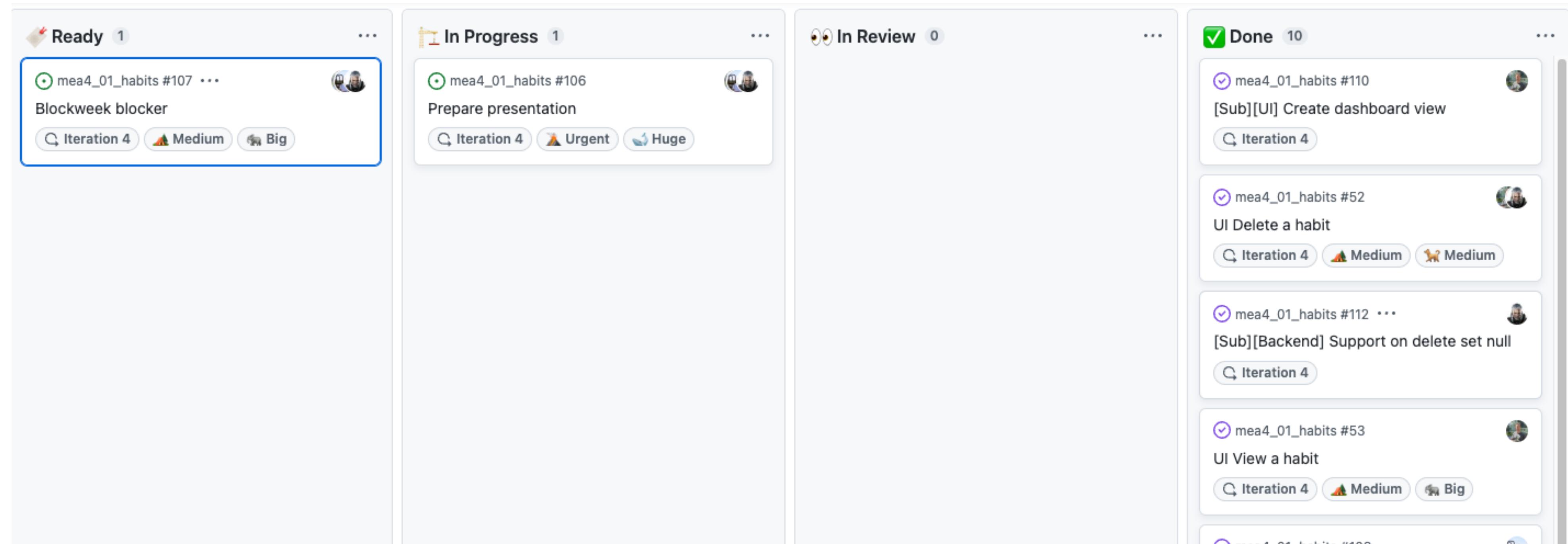
- Product Backlog / Sprint Planning



2-1

Project Setup

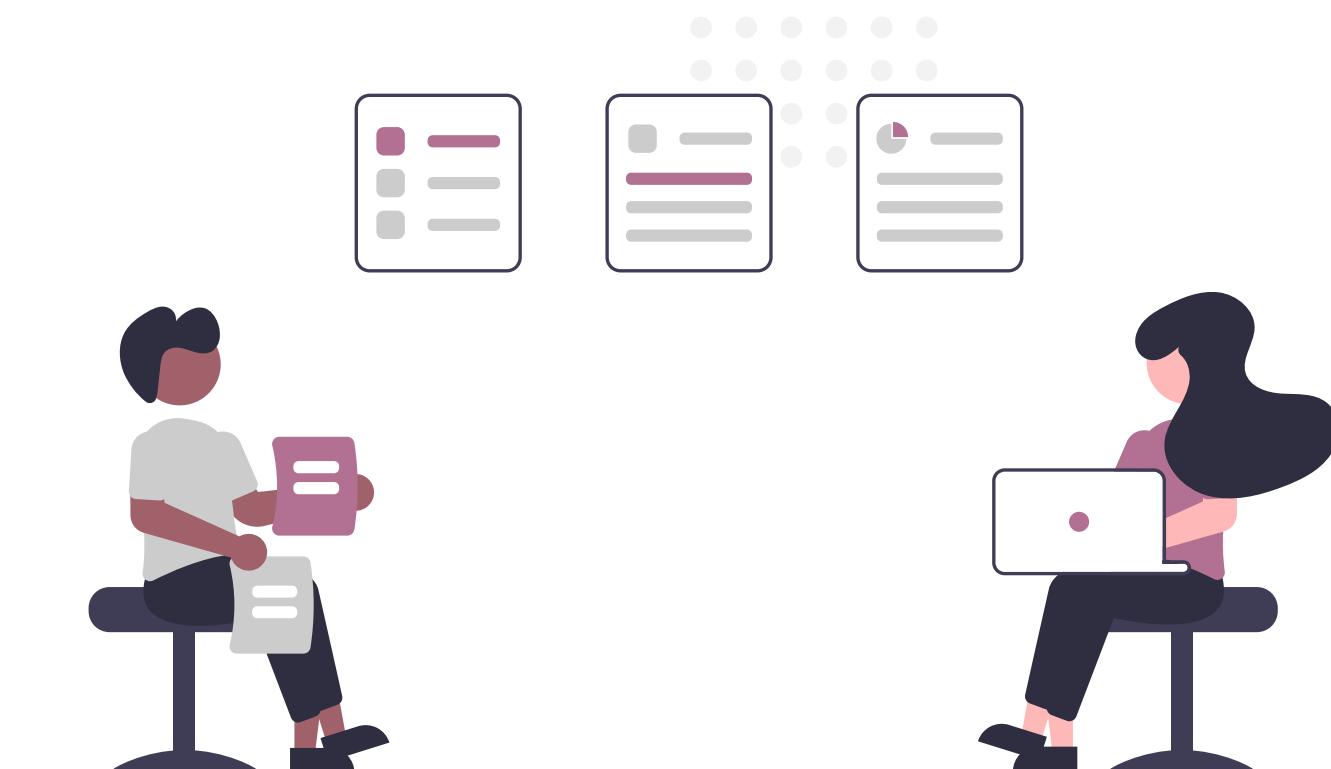
- Github Project for Kanban



2-2

SCRUM

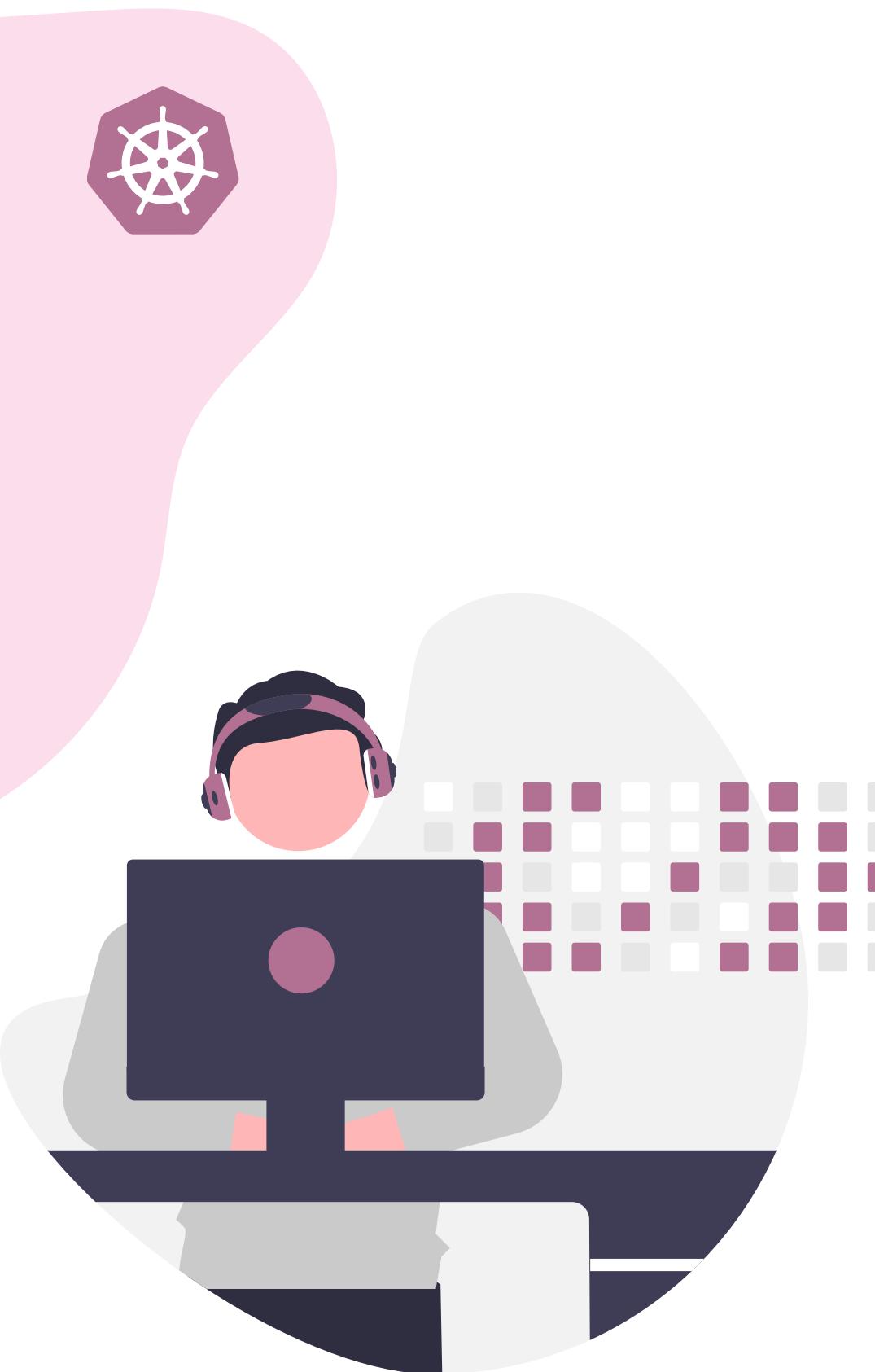
- Scrum Master / PO -> Team
- Stakeholder -> Coach
- Backlog refinement



3

Realization

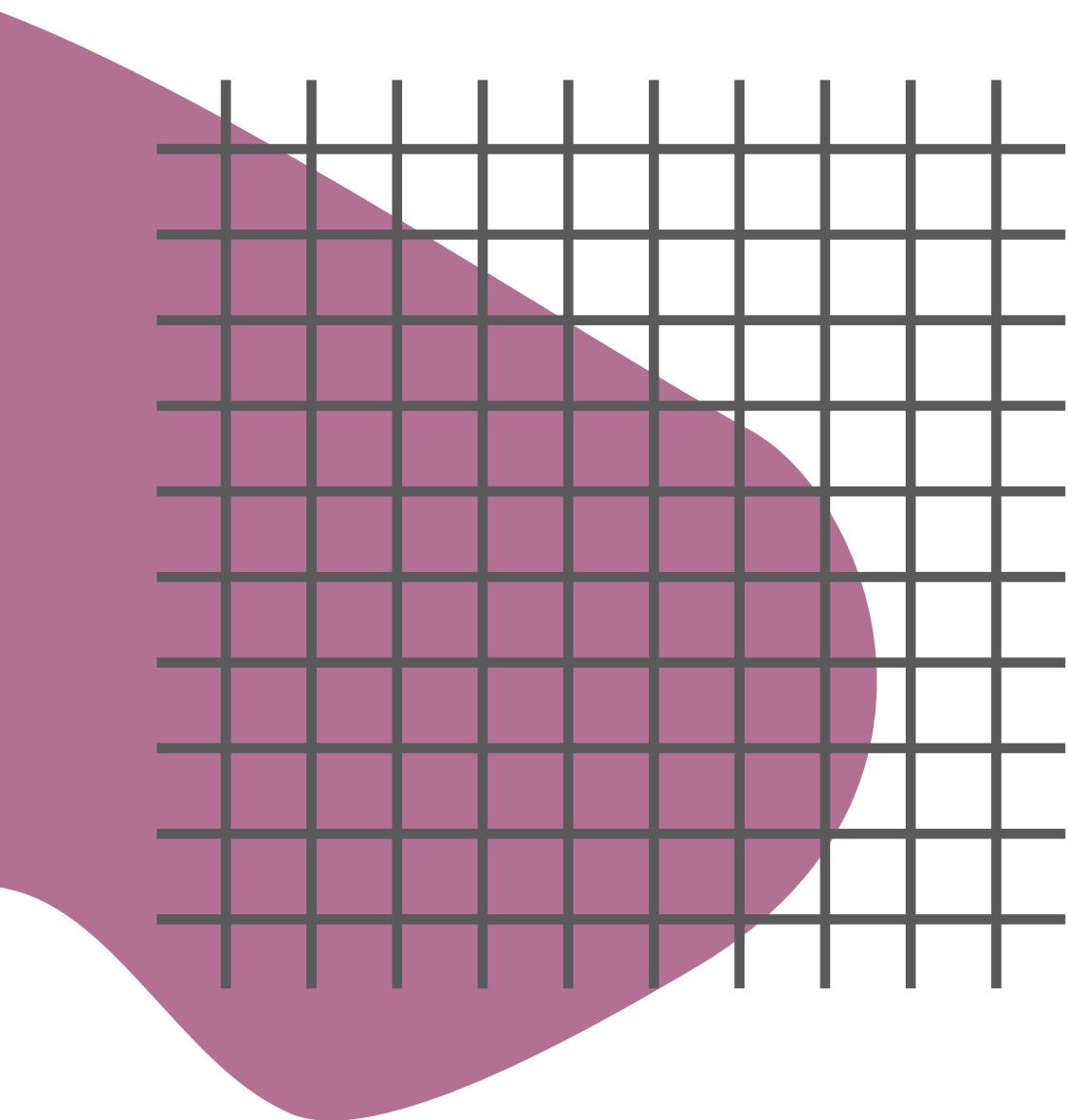
- Basic Implementation of Backend & Frontend
- Linting and Testing
- Figma Prototype of UI
- Dockerization of each Component
- First Deployment on Cloud



4

Demo

- Figma Prototype UI
- Running application
- Postman



5

Conclusion

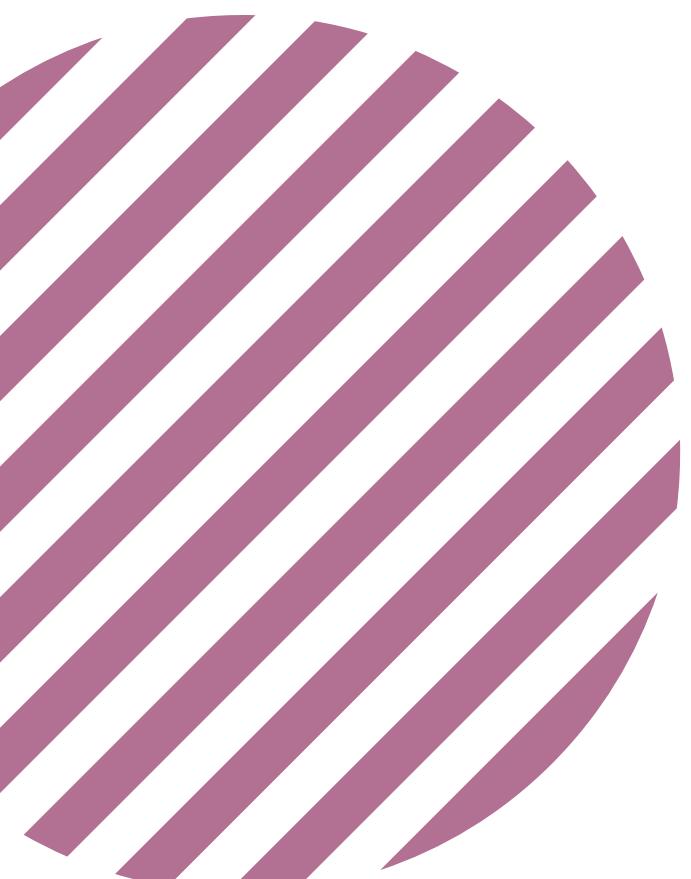
- First approach with Go
- Test of Spring Data
- Learning new frameworks
- Started with one Week Sprints
- Scope creep
- Unclear PO Role



5-1

Outlook

- Authentication and coaching
- Plan less do more
- Frontend testing (Jest & Cypress)
- Documentation



Questions / Discussion

