The Idea ♦ The Team ♦ The Product

By PinguCrew Inc.

Midterm Presentation for Software Engineering Tinf17B2

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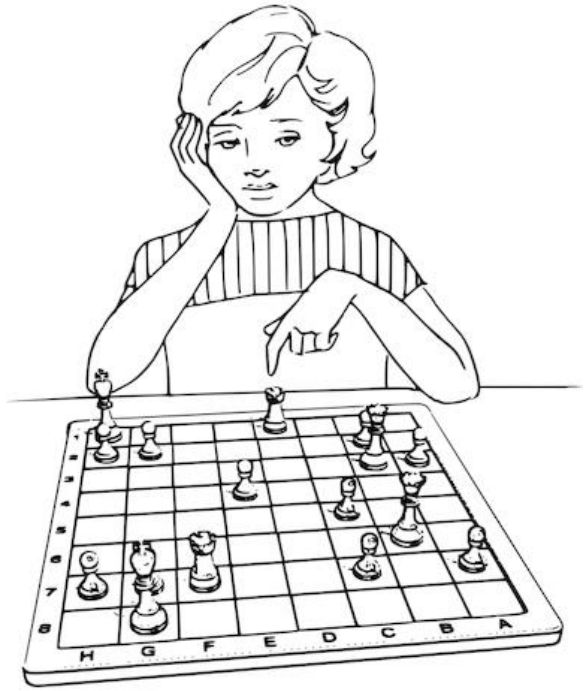
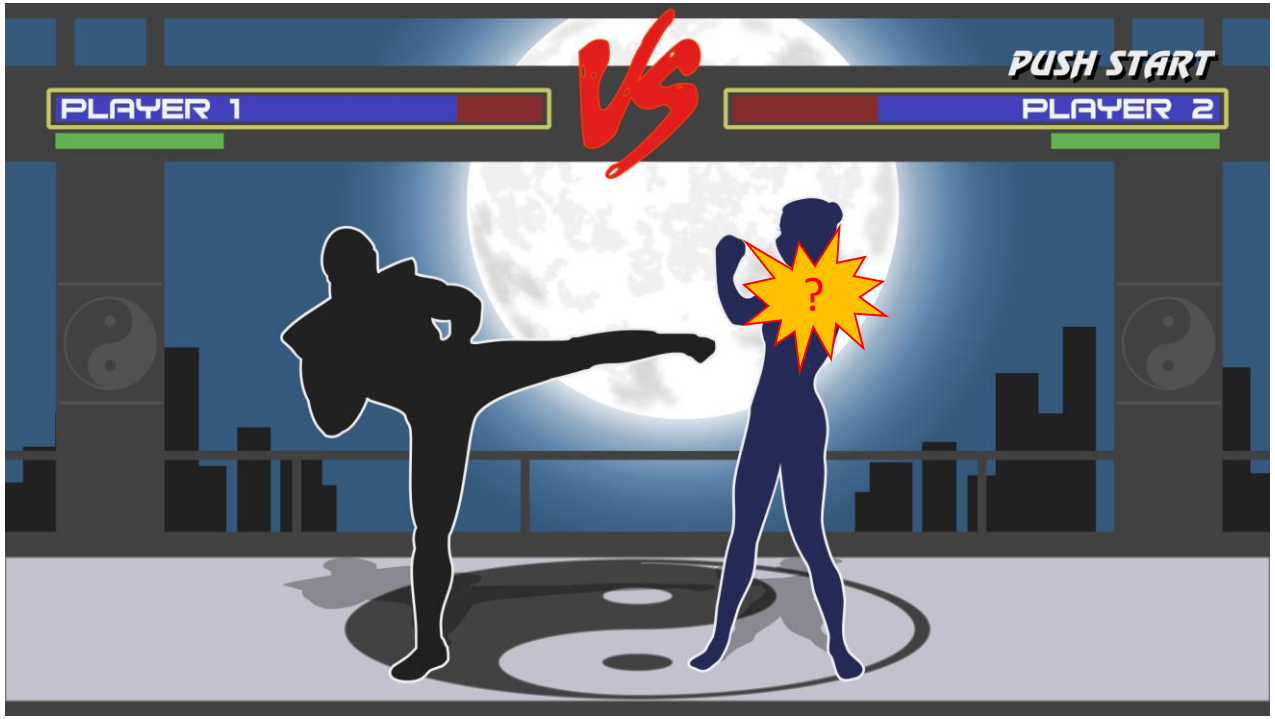
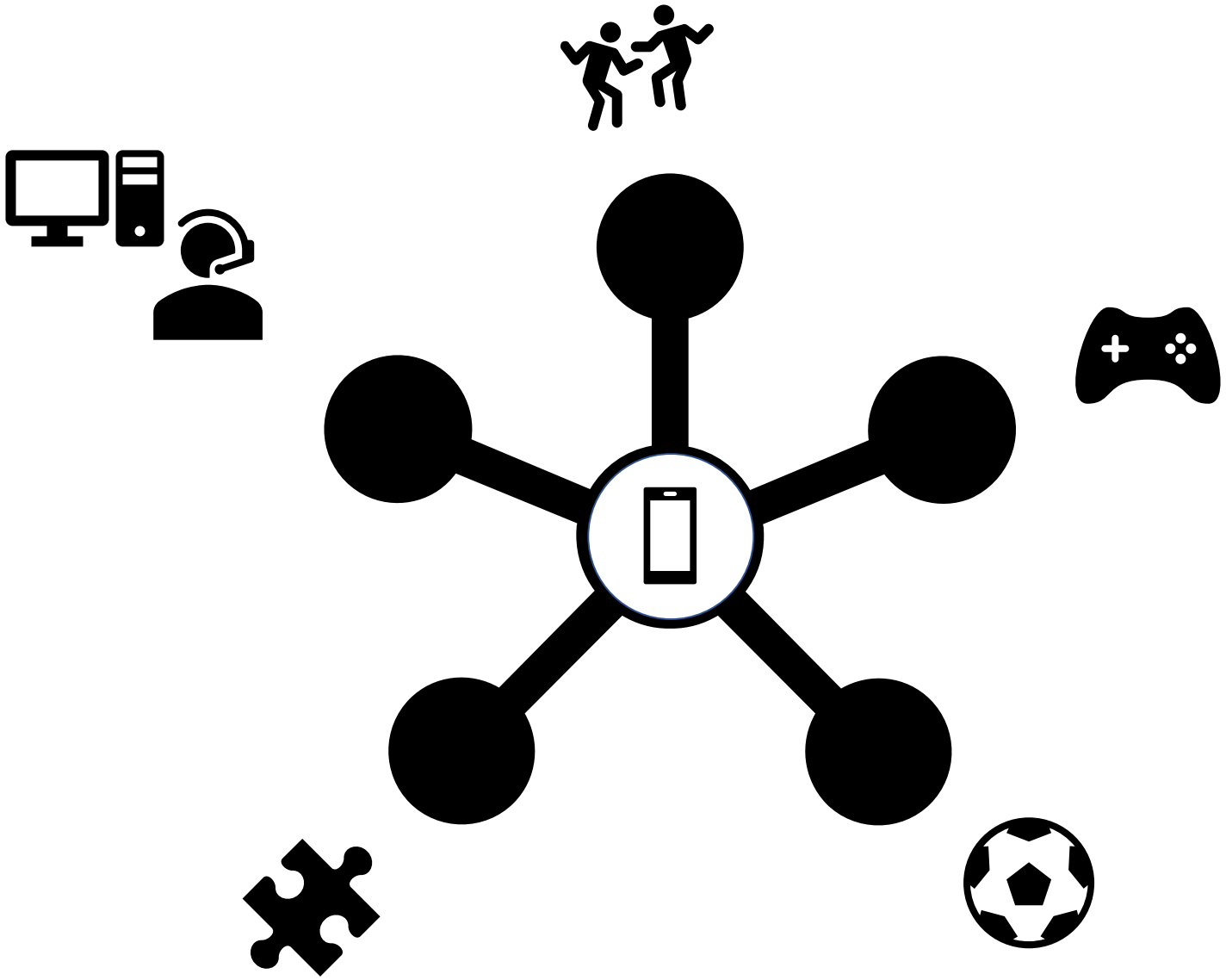
Playing together: What you asked for

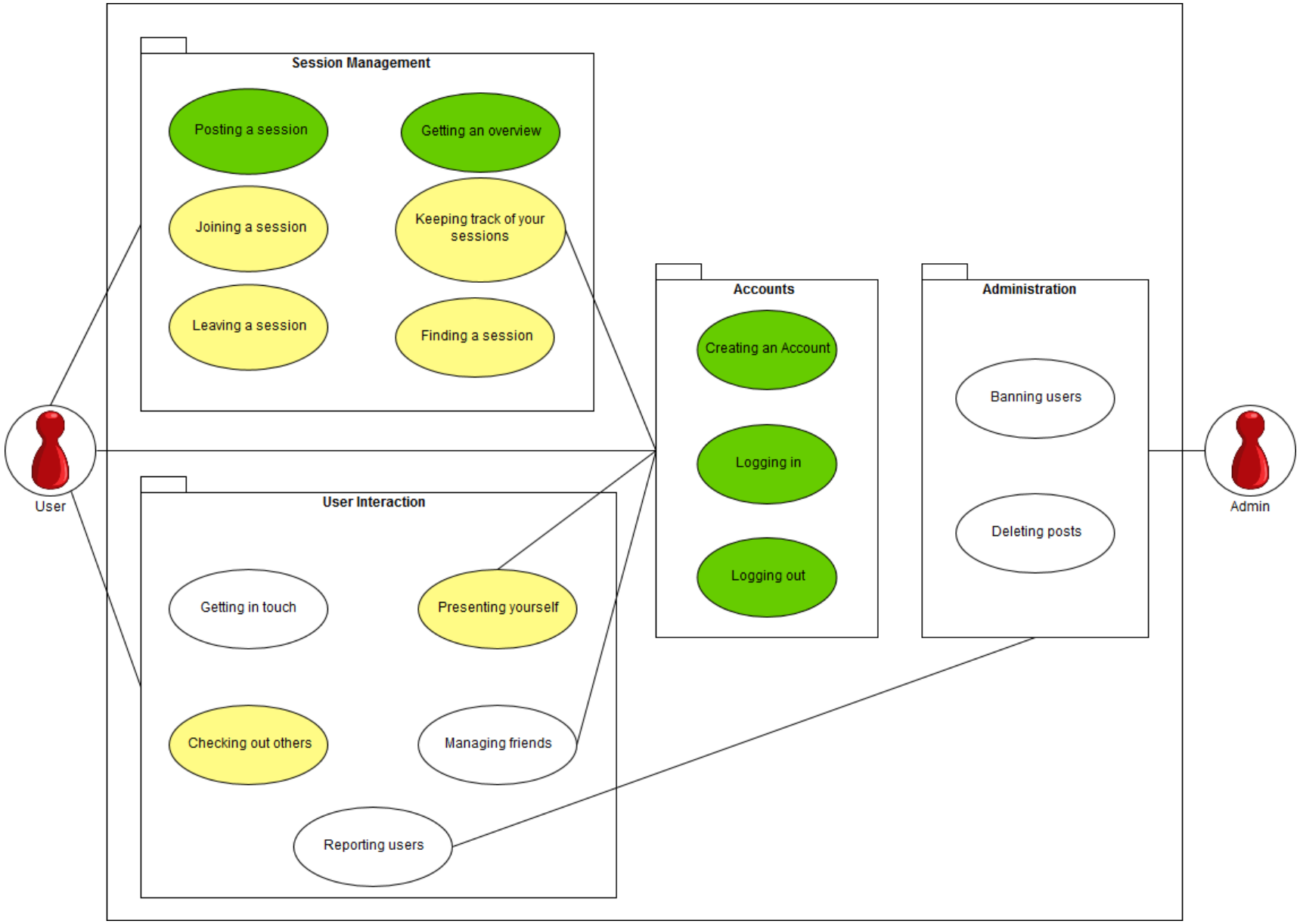




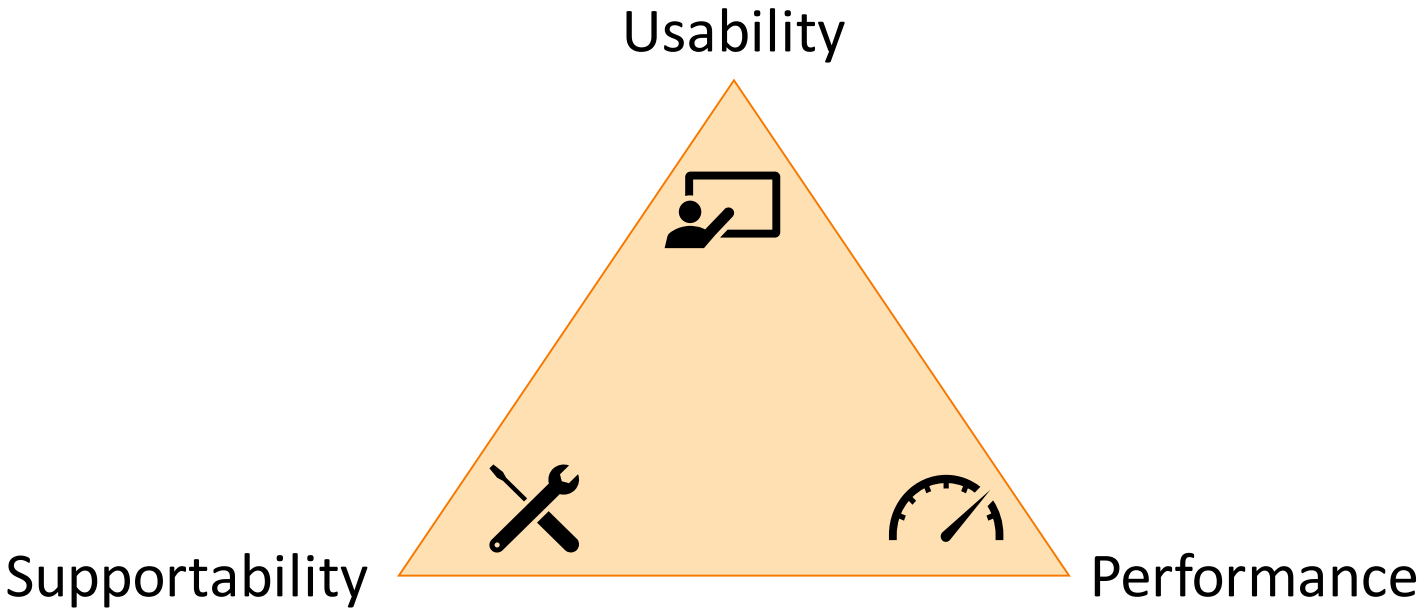
A Digital Playground: How we will answer



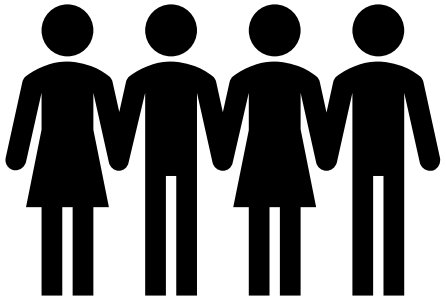
Application: What it does



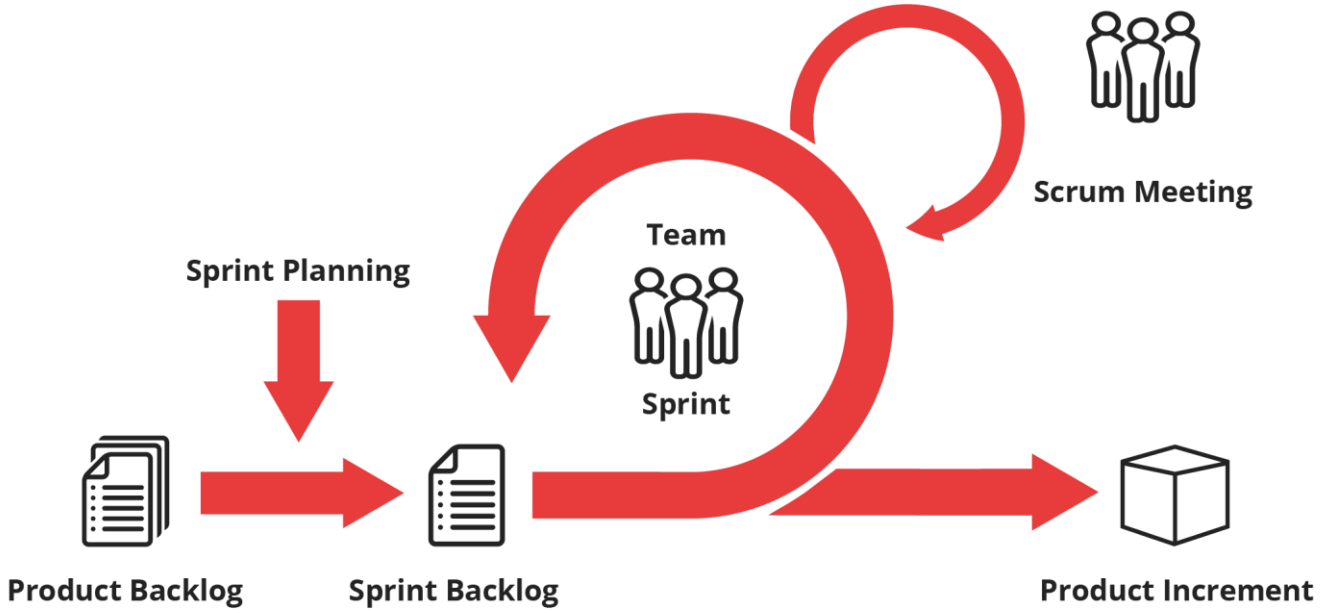
Application: What it will be held to



The Team: Who we are



The Team: How we work



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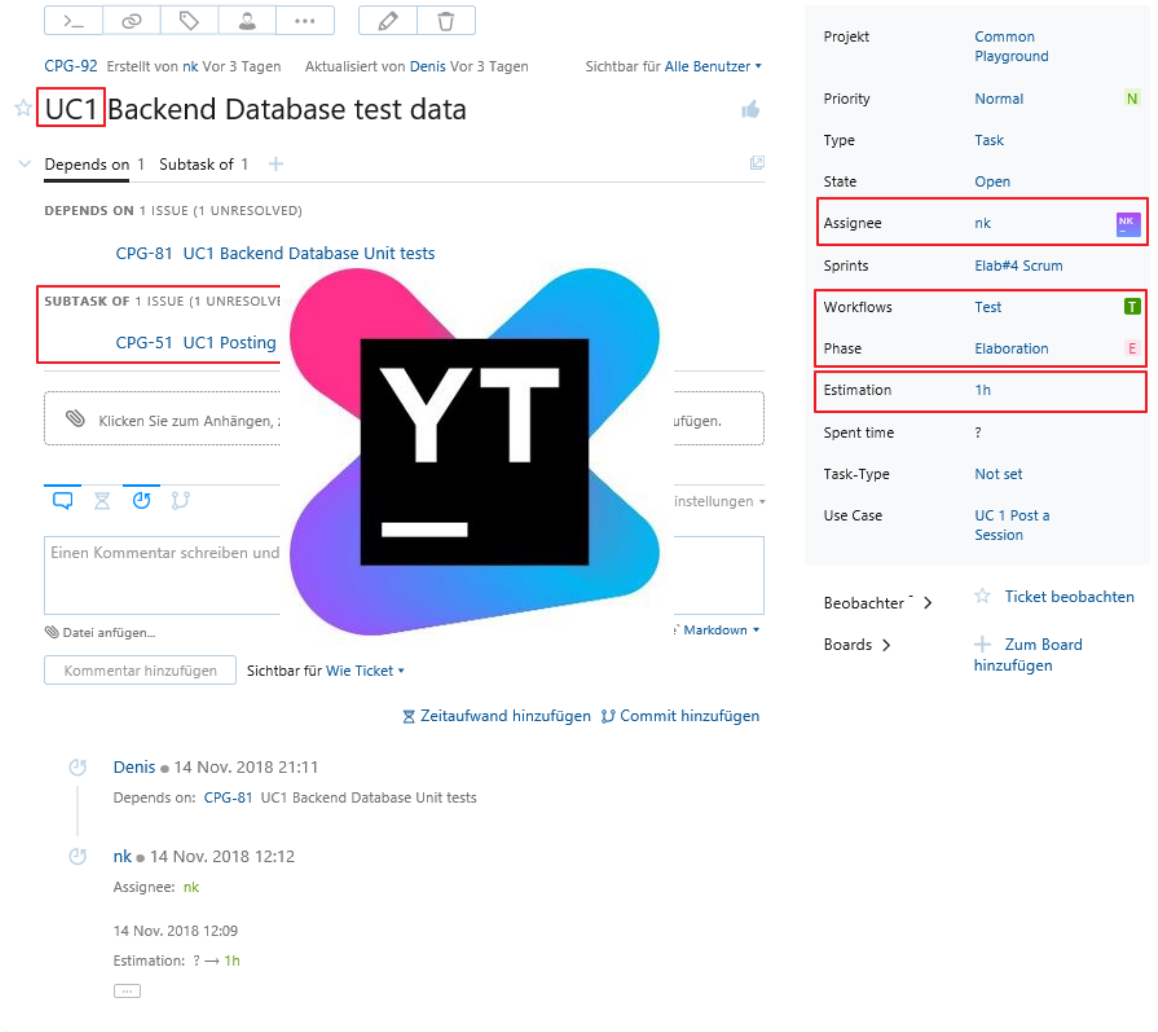

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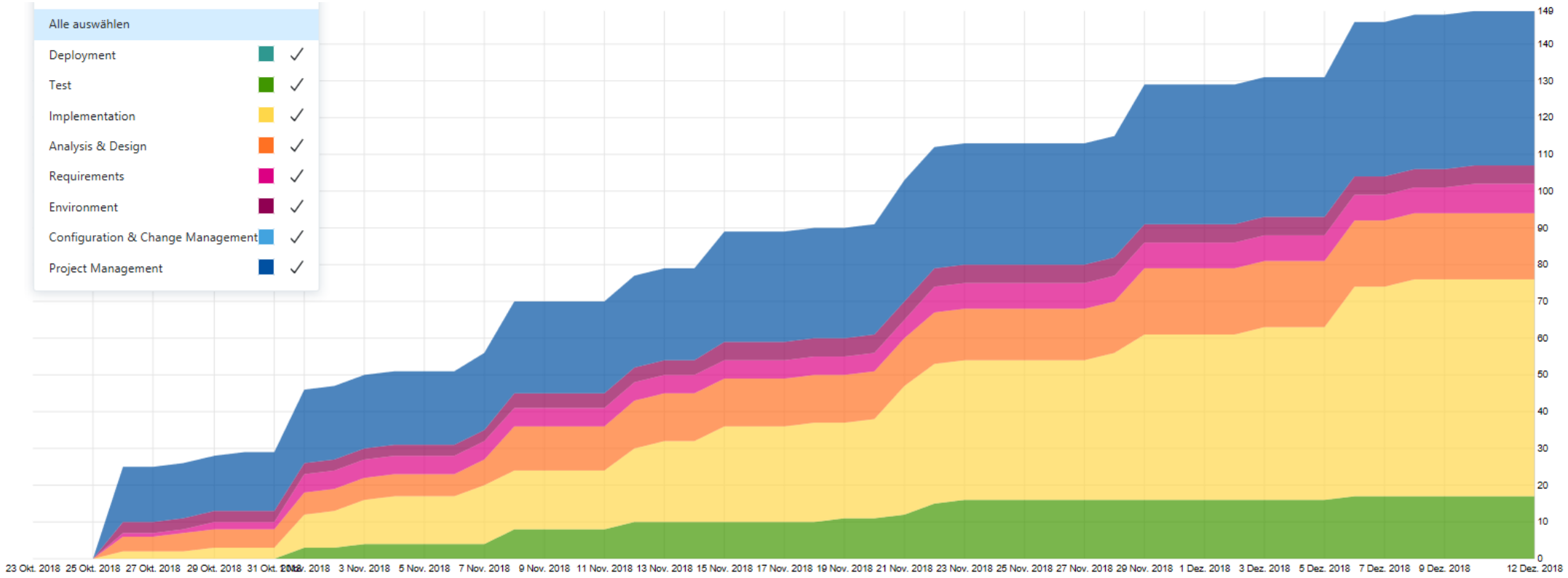

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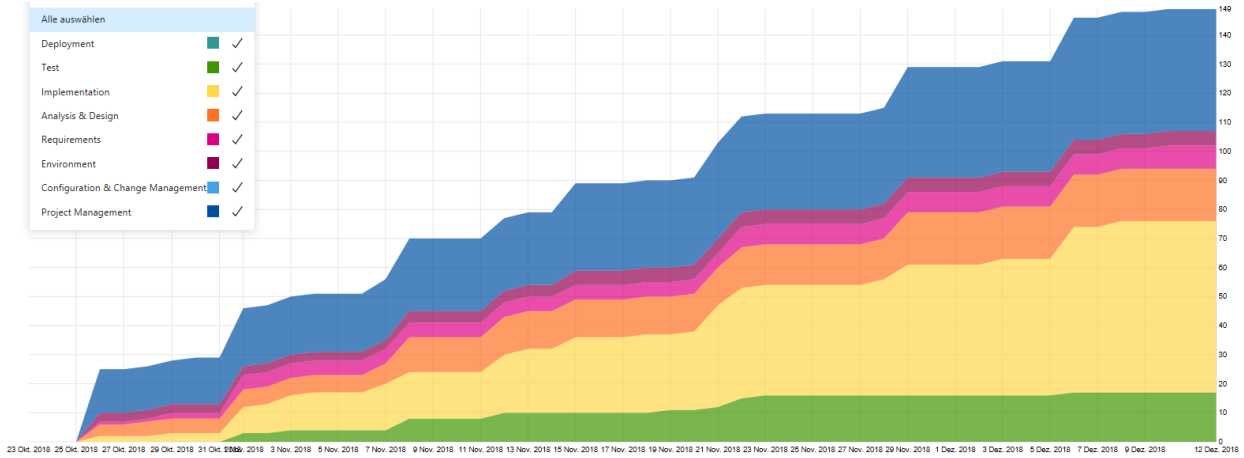

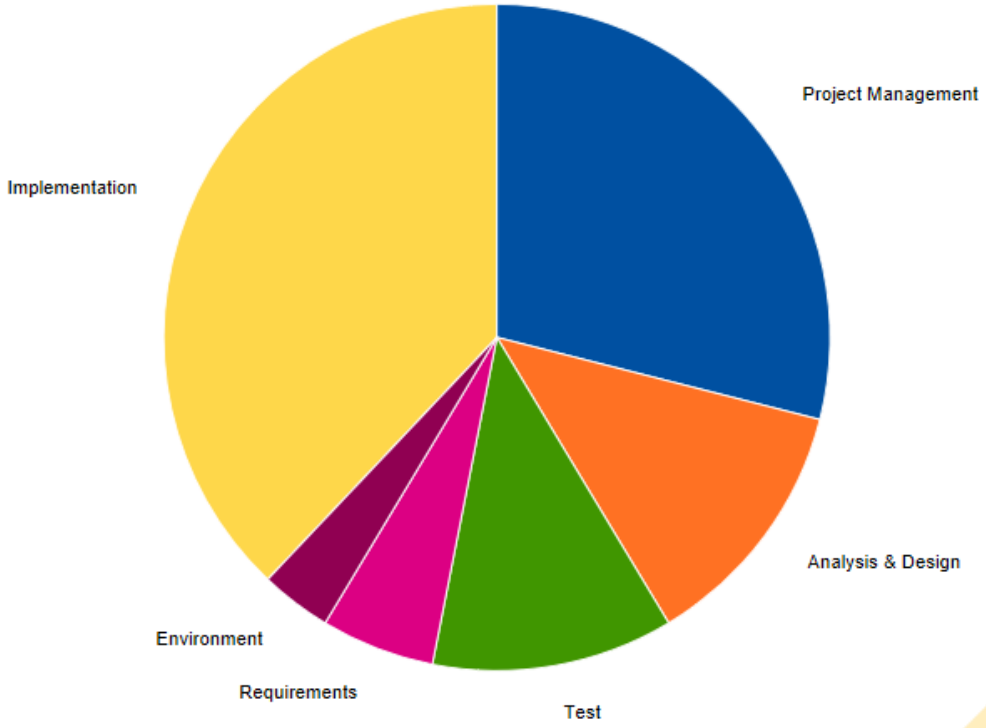

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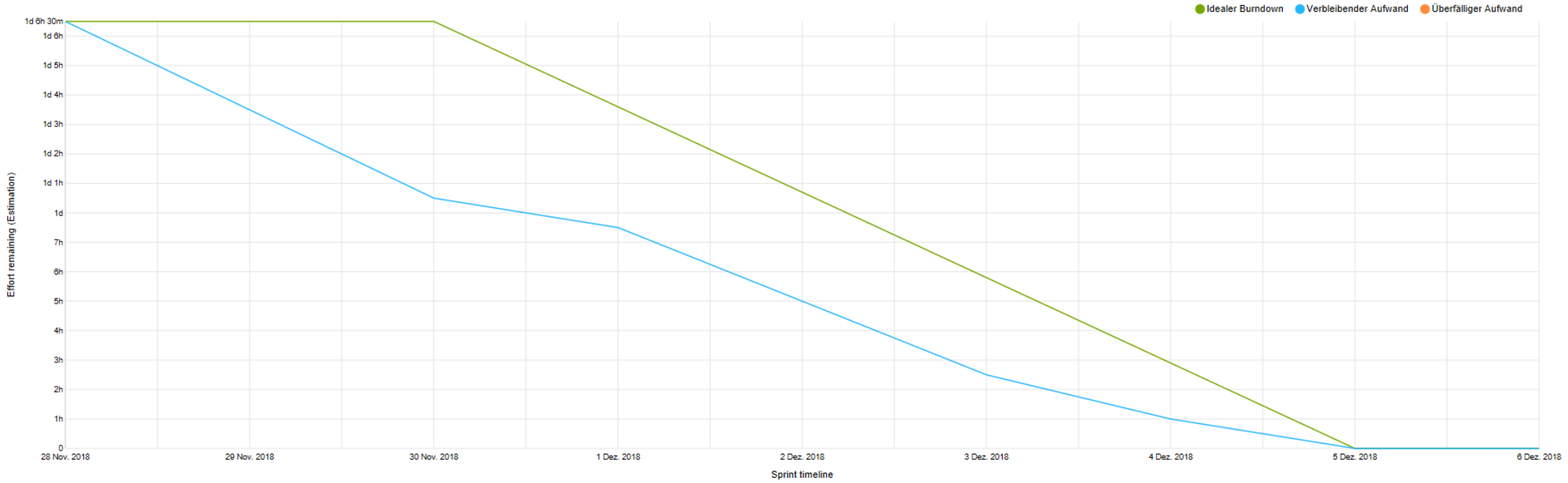
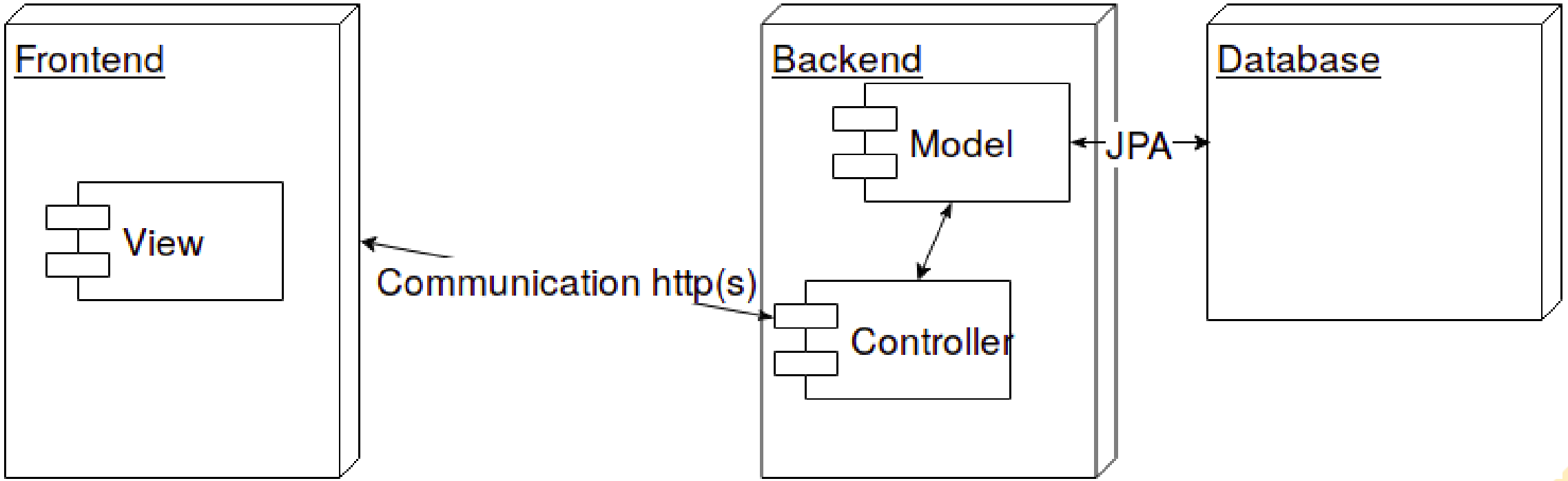
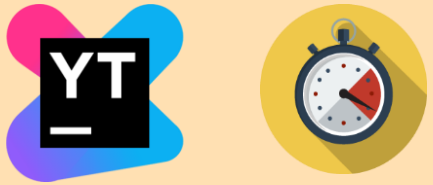


The App: Architecture

Spring Boot



The App: Automation & Configuration



- automated tracking
- transparent workflow

Branches

Pull Requests

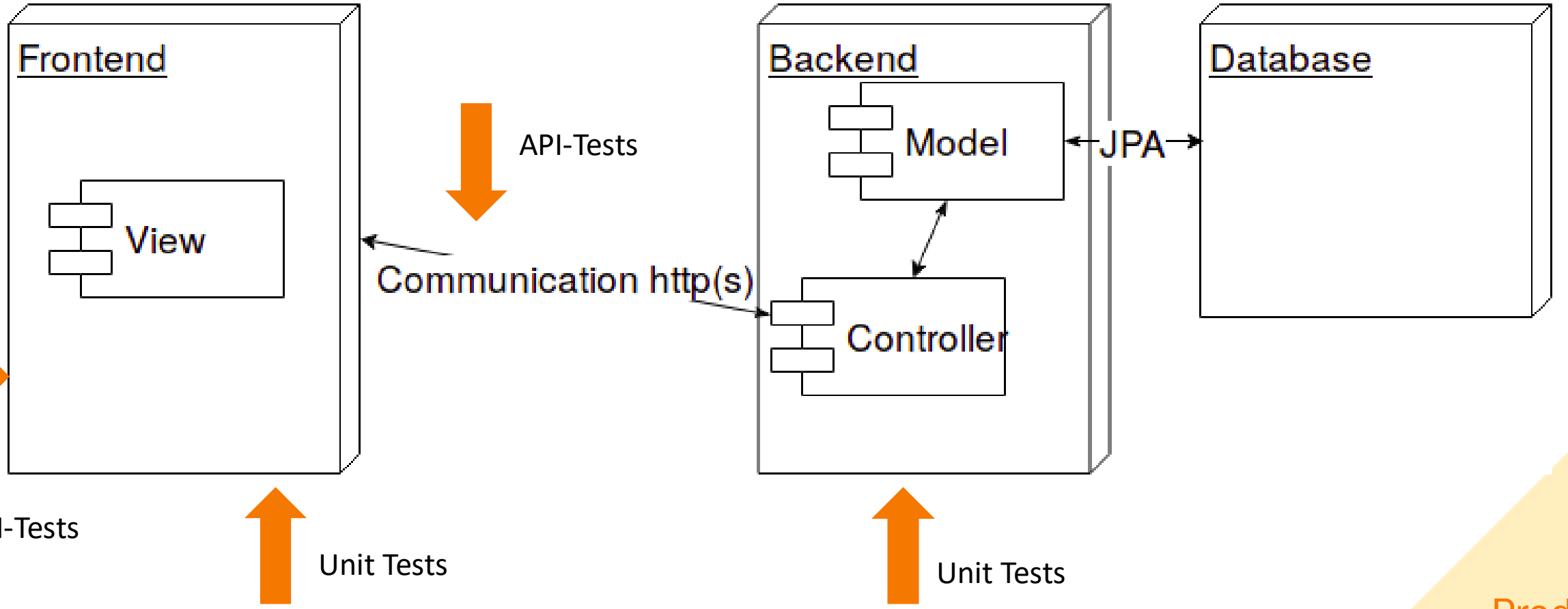
- high code quality + easy collaboration

- git inside IDE
- productive workflow

- reliable documentation
- stable development

The App: Testing

Spring Boot



The App: Testing

frontend [~/CommonPlayground/frontend] - .../app/src/androidTest/assets/features/UC1_Post_Session.feature [app] - Android Studio

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

idTest > assets > features > UC1_Post_Session.feature | PostSessionStepDefs | CPG-102: UC1 Frontend set up Cucumber running with...

Android

- app
  - manifests
  - java
    - com.wordpress.commonplayground
    - com.wordpress.commonplayground
    - com.wordpress.commonplayground.te
      - Instrumentation
      - PostSessionStepDefs
      - TestUITest
  - generatedJava
  - assets
    - features (androidTest)
      - UC1_Post_Session.feature
      - UC3_Session_Overview.feature
      - UC5_Login.feature
  - res
- Gradle Scripts
  - build.gradle (Project: frontend)
  - build.gradle (Module: app)
  - gradle-wrapper.properties (Gradle Versio
  - proguard-rules.pro (ProGuard Rules for a
  - gradle.properties (Project Properties)
  - settings.gradle (Project Settings)
  - local.properties (SDK Location)

AddSessionActivity.java | MainActivity.java | UC1_Post_Session.feature

```
Feature: Use Case 1 Post a Session
  As a USER
  I want to open the app and be able to post a new Session at the Session Overview Page
  Therefore I want the fields: title, description, game, place, date and numberOfPlayers able to be filled in

  Background:
    Given The user is logged in
    And Activity New Session is open

  @postsession-feature
  Scenario Outline: Add a new session
    When
    When The user types the title <title> and the input is correct
    And The user types the description <description> and the input is correct
    And The user types the game <game> and the input is correct
    And The user types the place <place> and the input is correct
    And The user types the date <date> and the input is correct
    And The user types the time <time> and the input is correct
    And The user types the number of players <numberOfPlayers> and the input is correct
    And The user presses the publish button
    Then A Request is sent
    And The posting screen is closed

    Examples: Sessions
      | title | description | game       | place       | date       | time  | numberOfPlayers |
      | Raid  | online Game | Game       | web         | 01.11.2018 | 12:00 | 10              |
      | Cards | fun         | Doppelkopf | Schlosspark | 29.10.2019 | 06:00 | 4               |

  @postsession-feature
  Scenario: Leaving the Activity New Session without sending a Request
    When The user presses the Back button
    Then No Request is sent
    And The posting screen is closed
```

4: Run | TODO | 6: Logcat | Profiler | 9: Version Control | Terminal | Build | YouTrack | Event Log

Run selected configuration | 10:23 | LF: | UTF-8: | Git: dev : | Context: <no context>

Product

Roadmap: Where we want to go!

- High Test Coverage
- Automated Deployement & Testing
- Developement of Use Cases
- Match our Customers Conditions

Demo