Sprint 3 - Retrospective

Process Measures

Macro Statistics

Committed Stories: 6

Implemented Points: 19

Planned hours: 69

Implemented Stories: 6

Implemented Points: 19

Spent hours: 78

Detailed Statistics

Hours per task planned: 1.6 h

Hours per task actual: 1.8 h

id of story	number of tasks	points	total hours of estimation	total hours spent
8	5	2	8.5 h	10.5 h
9	8	5	14 h	15 h
10	4	3	8.5 h	10 h
11	13	3	19 h	20 h
12	10	3	12 h	14.5 h
13	4	3	7 h	8 h

Total task estimation error ratio: 1.13

Quality measures

- **Unit Testing:**
    - Total hours estimated - 11.5 h
    - Total hours spent - 13 h
    - Nr of automated unit tests - 242
    - Coverage of BK
        - statement coverage - 84.78%
        - branch coverage - 82.72%
        - function coverage - 85.09%
- **E2E testing:**
    - Total hours estimated - 9 h

- - Total hours spent - 11 h
- **Code review:**
  - Total hours estimated - 9 h
  - Total hours spent - 7.5 h

Assessment

- **What caused your errors in estimation (if any)?**
  - Underestimation of learning process
  - Not considering enough time for fixes
- **What lessons did you learn (both positive and negative) in this sprint?**
  - End to end tests are really useful to find out bugs
  - Better management of tasks
- **Which improvement goals set in the previous retrospective were you able to achieve?**
  - Task definition is faster and more efficient
  - Tests were fully completed
  - Communication is more fluid
- **Which ones you were not able to achieve? Why?** None
- **Propose 1 or 2 improvement goals for the next sprint and specify how to achieve them (technical tasks, team coordination, etc.)**
  - Plan GUI design to achieve the best user experience in our platform - design views together and agree on the best way to show the functionalities to the user, guarantee uniformity in the website while still adding improvements to the GUI
  - Team coordination - constant feedbacks and scheduled meeting of working time together
- **One thing you are proud of!!**
  - GUI is still a strong point of our platform
  - Test coverage