POLITECNICO
DI TORINO

Software Engineering 2
Group 17

Demo Sprint 1 process

Process - Macro Statistics

- **Number of stories**
  - Committed: **4**
  - Done: **4**

- **Total points**
  - Committed: **16**
  - Done: **16**

- **Nr hours**
  - Planned: **20h 15m**
  - Spent: **33h 15m**

Process - Detailed Statistics

- **Hours per task**
  - Average: **2h**
  - Standard deviation: **1h 25m**

- **There are 4 tasks not included in the stories**
  - Total hours estimation: **8h 15m**
  - Total hours spent: **13h 45m**

- **Total task estimation error ratio**
  - No testing: 20h 15m / 33h 15m = **0.6**
  - With testing (no hours estimation):
    20h 15m / 40h 45m ~ **0.5**

Process - Detailed Statistics

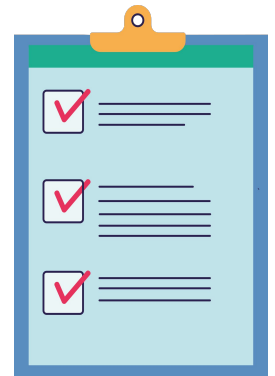| Story ID	Number of tasks	Points	Total hours estimation	total hours spent
#1	3	5	4h 30m	8h
#2	2	3	2h 30m	2h
#3	2	3	1h	3h 30m
#7	3	5	4h	7h

Quality

- **Unit Testing:**
  - Total hours estimated: /
  - Total hours spent: **3h**
  - Nr of automated unit tests: **8**

- **E2E/System testing:**
  - Total hours estimated: /
  - Total hours spent: **30m**

- **Code review**
  - Total hours estimated: /
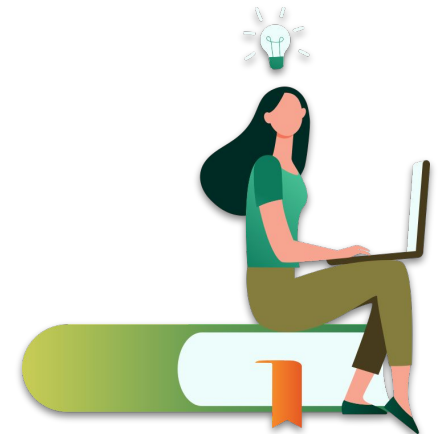 - Total hours spent: **4h**

Assessment

- All 4 Planned stories have been done

- Inexperience caused to underestimate some tasks, also some important tasks like Testing and Code reviewing were not estimated.
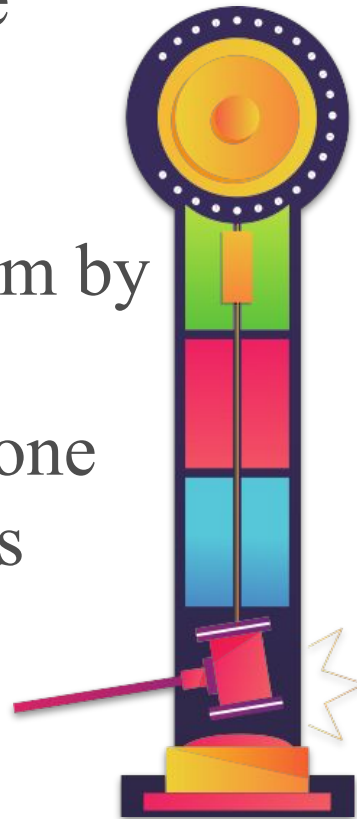
Learned lessons

- Preparing some common baselines for working on project.

- Improving communication with teammates.

- Select more descriptive definition of the tasks.

- Don't underestimate the time zones difference.

Improvement goals

- Consider all the aspects of the project by adding more opportune tasks, especially for testing and code reviewing, and try to be more descriptive to avoid any kind of ambiguity.
- Learn how to synchronize better as a team by communicating more often with other members and by making sure that everyone has a good understanding of what each is doing.

What we are proud of

- Achieving all the goals we have set with minimal number of errors.