



**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: $20\text{h } 15\text{m} / 33\text{h } 15\text{m} = 0.6$
 - With testing (no hours estimation):
 $20\text{h } 15\text{m} / 40\text{h } 45\text{m} \sim 0.5$





Process - Stories overview

- **Story #1** As a **Customer** I want to select the type of service so that I can fulfill my request
- **Story #2** As a **Customer** I want to see ticket number being served so that I can know if it's my turn
- **Story #3** As a **Customer** I want to see the number of people in queue for each service so that I can know how many people are in line
- **Story #7** As an **Officer** I want to call the next Customer so that I can serve him

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

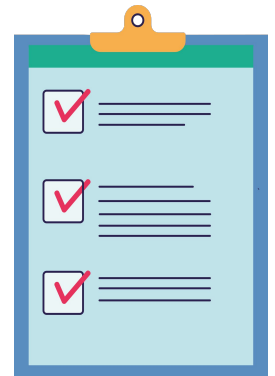
Quality

- **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**



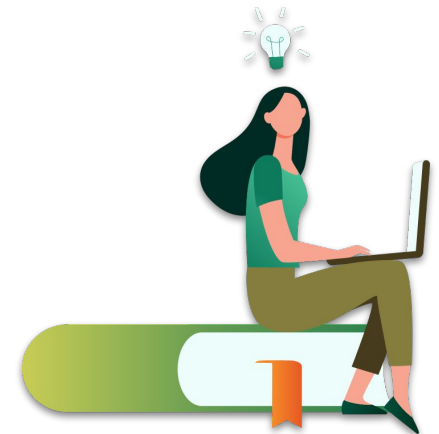
Assessment

- 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.



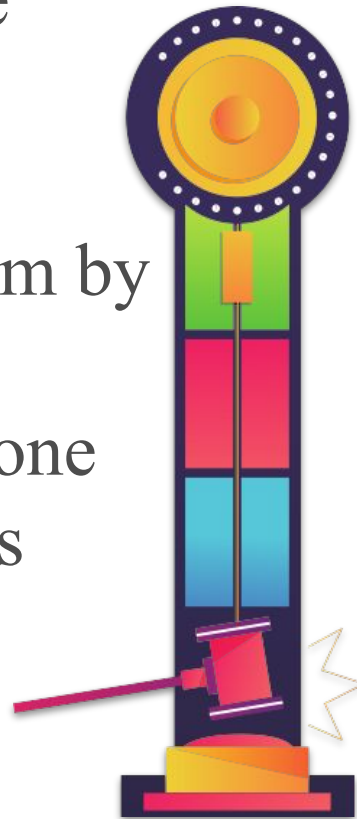
Learned lessons

- 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.

