**Sprint 1 – Retrospective**

**Group H**

**Sprint Backlog:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Story # | Committed | Completed | Story Points | Story Points Gained | Tasks |
| 1 | Yes | Yes | 3 | 3 | 8 |
| 2 | Yes | Yes | 3 | 3 | 5 |
| 3 | Yes | Yes (missing tests) | 5 | 4/5 | 11 |
| 4 | Yes | Yes | 3 | 3 | 6 |
| 5 | Yes | Yes | 5 | 5 | 6 |

**Time Management:**

|  |  |  |
| --- | --- | --- |
| Story # | Estimated Time | Actual Time |
| 1 | 8h 40 min | 7h 5 min |
| 2 | 6h 30 min | 12h 10 min |
| 3 | 7h 30 min | 15h 10 min |
| 4 | 7h | 7h 40 min |
| 5 | 8h | 8h 25 min |

**Add to the total:**

* **Learning: ~20h.**
* **Use Cases: ~2h 50 min.**

**Faced Issues:**

1. Frontend and Backend lack of technology knowledge:

Our team spent lot of time due to lack of knowledge in Frontend (ReactJs + Bootstrap for Reactjs) and Backend (Hapi) Technology. This included studying the documentation and tutorial on Youtube.

2. Misunderstanding on some key concepts of the stories.

3. Unexpected restyling:

The Frontend has been initially styled using CSS and traditional HTML. Since we wanted to improve our style we chose to make a restyling of the entire Frontend using Bootstrap for React. This took time to learn properly how to use it and to restyle the entire Frontend.

4. Time spent due to code refactoring:

At a certain point the code has reached a state of great disorder and code duplication. We realized that this did not respect good programming practices. So, in order to improve the reusability of code, time was used to realize some code refactoring.

5. Unsatisfactory tests library.

**How we plan to solve them in the next sprint:**

1. Better sharing of knowledge between team members.
2. More in-depth analysis of the context and better discussion to clarify each aspect of a story.
3. Now we should walk in the right way. Anyway we will focus to exploit better the Bootstrap framework.
4. Duplication of code will be avoided by creating reusable code.
5. We will find another tool to make tests in the right way.