**Sprint 2 – Retrospective**

**Group H**

**Sprint Backlog:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Story # | Committed | Completed | Story Points | Story Points Gained | Tasks |
| 6 | Yes | Yes | 3 | 3 | 8 |
| 7 | Yes | Yes | 2 | 2 | 5 |
| 8 | Yes | Yes | 5 | 5 | 7 |
| 30 | Yes | Yes | 3 | 3 | 11 |
| 9 | Yes | Yes | 3 | 3 | 6 |
| 10 | Yes | Yes | 2 | 2 | 6 |
| 11 | Yes | Yes | 2 | 2 | 5 |
| 12 | Yes | Yes | 2 | 2 | 11 |
| 13 | Yes | Yes | 2 | 2 | 5 |

**Time Management:**

|  |  |  |
| --- | --- | --- |
| Story # | Estimated Time | Actual Time |
| 6 | 8h 20 min | 12h 15 min |
| 7 | 5h 15 min | 4h 40 min |
| 8 | 9h | 7h 35 min |
| 30 | 10h 40 min | 10h 10 min |
| 9 | 7h 30 min | 9h |
| 10 | 6h 30 min | 6h 25 min |
| 11 | 5h 30 min | 7h 30 min |
| 12 | 7h 08 min | 6h 08 min |
| 13 | 6h | 5h 30 min |

**Add to the total:**

* **Learning: ~16h 30 min.**
* **Make application logic compliant with product owner requirements – Task 1: 45. min.**
* **Fix type for grades in Db and provide a regex for validation : 40 mins.**
* **In the teacher section for recording grades, first select the subject-class pair from a dropdown and then show only the students from that class : 2h 5 mins.**
* **Minor bug fix corrections: 25 mins.**
* **Refactoring: 7h.**
* **Utilities and library production: 50 mins.**
* **Setup and use of Docker: 1h 30 mins.**

**Faced Issues:**

1. How to properly implement the Docker setup.

2. Misunderstanding on some key concepts of the stories.

3. Time spent due to code refactoring:

Utilities and library production and publication both for Frontend and Backend to avoid disorder in code.

4. Small bugs discovered during new stories development.

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

1. Docker setup issues should be already fixed.
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. We will focus to use our libraries and already developed React components. If we need to extend them, we will do it.
4. We will be more meticulous during the development and test phase.