Justification table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Student** | **Semester** | **Tasks** | **Hour** | **Semester total** | **Year total** |
| Khanh Le | Fall 2021 | Separate Code Layer | 30 | 167 | 282 |
| Create Database | 18 |
| Reorganize existing HTML Pages | 24 |
| Create Manage Projects Page | 13 |
| Create Project Details Page | 15 |
| Create Modal Contents | 12 |
| Modularize Modal Components | 7 |
| Refine Search page | 32 |
| Add Filter To Manage Projects Page | 9 |
| Add Datepicker to Search Page | 4 |
| Add Spinner To Modal Contents | 3 |
| Spring 2022 | Add Notification System | 42 | 115 |
| Develop master-app for COVID-IQS | 13 |
| Integrate Elastic Search | 60 |

Justification paragraph

In the first semester, because the initial code structure was very messy, I had to spend a lot of time to reorganize it. The user interface also needed a rebuild, so there were a lot of small components to build for the website.

In the second semester, I had to build a notification system for the COVID-IQS. The system was very new to me and took me a lot of time to finish. At the end of the semester, ElasticSearch was finally finished, so the main priority was to integrate it into our frontend