

RESEARCH & DEVELOPMENT PROJECT
CYCLE 13 - PROJECT VN01
WEEKLY REPORT
9/4/2023 - 15/4/2023

Current Sprint: Development - Sprint 7 + Testing - Sprint 1

Kanboard: <https://rnd-cycle13->

vn01.atlassian.net/jira/software/c/projects/RC1V/boards/2

Current:

- **To do: 5 tasks**
- **In progress: 2 tasks**
- **In review: 0 tasks**
- **Done: 57 tasks**

I. Weekly Goals

1. Goals for this week

- Design: Continue designing the final poster for Defense
- Front-end: Finalize API calls for all features of the final product
- Front-end: Research about Automation testing for Front-end side
- Back-end: Research about Unit testing for Back-end API
- Quality: Implement test cases for upgraded version of Interactive UI - v2
- Quality: Design test cases for Authorization flow (JWT applied for API calls)
- Collect feedback from users about upgraded version of Interactive UI - v2
- Research and decide whether to include anatomy mode in the final product or not

2. Goals for next week

- Design: Design assets for final poster of Defense presentation
- Front-end: Implement E2E automation testing for different flows of Front-end side
- Back-end: Write unit tests to cover endpoints related to the basic features - Part 1 (Authentication + Profile flow)
- Quality: Implement test cases for Authorization flow (JWT applied for API calls)
- Quality: Design UI test cases for upgraded version of Interactive UI - v2 (fourth enhancement)
- Continue collecting feedback from university students about upgraded version of Interactive UI - v2 (fourth enhancement)

- Prepare list of documents to be involved for submission of R&D project, which to be completed in May

II. Detailed Progress report

- **Lê Trần Bá Tân (HCMUS: 1959035 - AUT: 21142355)**
 - Finished: Initiate the design workspace for the poster of Final defense presentation
 - Finished: Generate layout and theme file for final poster
- **Hồ Ngọc Thảo Trang (HCMUS: 1959040 - AUT: 21142358)**
 - Finished: Integrate API to store quizzes
 - WIP: Research unit test in Nestjs
 - WIP: Implement unit test
- **Phạm Đình Chương (HCMUS: 1959002 - AUT: 21142643)**
 - Finished: Implement test cases for upgraded version of Interactive UI - v2
 - Finished: Design test cases for Authorization flow
 - Finished: Design test cases for Quiz
 - Finished: Design test cases for Home Page
- **Nguyễn Cao Nhân (HCMUS: 1959024 - AUT: 21142377)**
 - Finished: Integrate API to store quizzes results
 - Finished: Set up live server for deployment and upgrade the deployment flow for Staging and Live server
 - Finished: Write unit tests to cover the API endpoints of the Front-end side of the project
 - WIP: Research about performing E2E testing in Front-end using Puppeteer
 - WIP: Design Architecture Diagram for the project, to be included in the poster and presentation slide for Final Defense presentation

III. Feedback & Comments