RESEARCH & DEVELOPMENT PROJECT
CYCLE 13 - PROJECT VN01
WEEKLY REPORT
2/4/2023 - 8/4/2023

Current Sprint: Development - Sprint 7
Kanboard: https://rnd-cycle13-vn01.atlassian.net/jira/software/c/projects/RC1V/boards/2
Current:
- *To do: 5 tasks*
- *In progress: 4 tasks*
- *In review: 5 tasks*
- *Done: 27 tasks*

I. Weekly Goals

1. Goals for this week

- Design: Finalize the updates to prototype based on feedback from Supervisor
- Design: Fix the conflicts existed in prototype for responsive layouts
- Front-end: Integrate JWT authorization for private API endpoints from the mechanism defined by Back-end
- Front-end: Integrate API calls for handling personal records and quizzes flow
- Front-end: Improve interactive UI based on feedback from Supervisor
- Back-end: Finalize authorization mechanism for private API endpoints (JWT)
- Back-end: Improve and optimize the existing API calls and entities for storage
- Quality: Continue performing UI test cases for Interactive UI - v2
- Quality: Format the storing tables for feature and UI test cases of Interactive UI - v2

2. Goals for next 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

II. Detailed Progress report

- **Lê Trần Bá Tân (HCMUS: 1959035 - AUT: 21142355)**

  - Finished: Update Prototype based on feedback of supervisor (Prototype V2 - 3)
  - Finished: Design the sketch layout for the final poster
  - WIP: Design the final poster

- **Hồ Ngọc Thảo Trang (HCMUS: 1959040 - AUT: 21142358)**

  - Finished: integrate JWT and Roles guards for API
  - Finished: integrate storing quizzes for API
  - Finished: integrate creating and getting quizzes for API
  - WIP: integrate unit test

- **Phạm Đình Chương (HCMUS: 1959002 - AUT: 21142643)**

  - Finished: Testing the second version of Interactive UI
  - WIP: Design test cases for Interactive V2 - Home page
  - WIP: Design test cases for Interactive V2 - Quiz page
  - WIP: Design test cases for Interactive V2 - Authorization page

- **Nguyễn Cao Nhân (HCMUS: 1959024 - AUT: 21142377)**

  - Finished: Experiment about changes suggested for updated Interactive UI V2 (Interactive UI V2 - 3)
    - Finished: Only show acupuncture points inside the meridian and the nearby ones if selecting one point
    - Finished: In case of selecting one acupuncture point, selecting another neighbor ones should not deselect the first meridian
    - Finished: Change the colors of the acupuncture points to match with the lighter shades of the meridian colors
  - Finished: Implement changes suggested for updated Interactive UI V2 (Interactive UI V2 - 3)
    - Finished: Zoom level should be larger, each correspond to a change in displayed items
    - Finished: Fix colors for meridian lines based on the new selected list of colors
    - Finished: Upgraded layouts for Home, Quizzes and Personal Records pages
  - Finished: Implement responsive design to Front-end - Tablet
  - Finished: Implement JWT to API calls from Front-end

- WIP: Integrate API to store quizzes results

III. Feedback & Comments