

**RESEARCH & DEVELOPMENT PROJECT
CYCLE 13 - PROJECT VN01
WEEKLY REPORT
11/12/2022 - 17/12/2022**

Current Sprint: Upskilling - Sprint 1

Kanboard: <https://rnd-cycle13-vn01.atlassian.net/jira/software/c/projects/RC1V/boards/2>

Current:

- **To do: 7 tasks**
- **In progress: 6 tasks**
- **In review: 0 tasks**
- **Done: 18 tasks**

I. Weekly Goals

1. Goals for this week

1. Continue contacting the students for requirements collection
2. Finishing up the Market Research for comparable products in the market and list out the planned set of features. Chosen 3 products:
 - [Visual Acupuncture](#)
 - [Easy Acupuncture 3D](#)
 - [Acupuncture3D](#)
3. Continue upskilling more advanced usages of the 3D rendering library agreed to be used for the project, ThreeJS
4. Find the appropriate textures and models of human body anatomy to be displayed into the system
5. Wrap up collecting data for 60 important acupuncture points

2. Goals for next week

1. Analyze the results from empathy interviews with the medical students contacted by the specialist advisors of the project
2. Wrap up the set of requirements collected from 2 sources:
 - From empathy interviews with the medical students.
 - From Market Research of 3 chosen similar products in the market.
3. Continue collecting data about the acupuncture points to be added into storage for the system.
4. Finish designing the texture for the selected model to be displayed.

(Due to some difficulties in finding the texture for the models, especially since many of the medically correct required purchases, the project would move into the first Development phase with the skin model first. The muscular and internal organ models would be added into the project in the second phase - through finding or self-modifying)

5. Starting building the base structure for handling data flow in the Back-end side.

6. Examining adding the model into draft layout and drawing example meridians into the model.

7. Finish sketching the basic structural layout for the project

(The detailed prototype would be conducted in the next Sprint, based on the information collected from the medical students).

II. Detailed Progress report

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

- Finished: Collect data about 13 additional acupuncture points - W1 - Block 2
- Finished: Find groups of traditional medical university students to look for stakeholders + Contact with the medical students introduced by the two doctors
- WIP: Design prototype sketch (of screens' layouts)

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

- Finished: Perform market research - Easy Acupuncture 3D
- WIP: Collecting data about additional acupuncture points
- WIP: Setup BE with CircleCI

3. Phạm Đình Chương (HCMUS: 1959002 - AUT: 21142643)

- Finished: Perform market research - Acupuncture3D
- WIP: Collecting data about additional acupuncture points

4. Nguyễn Cao Nhân (HCMUS: 1959024 - AUT: 21142377)

- WIP: Upskilling in the agreed 3D rendering library to be used for the project, ThreeJS:
 - Finished: Learn implementing the advanced usage of ThreeJS library
- Finished: Perform Market Research - Visual Acupuncture
- Finished: Collect data about 13 additional acupuncture points - W3 - Block 1
- Finished: Collect data about 13 additional acupuncture points - W4 - Block 1
- WIP: Find the model part of human body (male)
 - Successfully found one appropriate model
 - Modifying the texture of model to fit with the final product

IV. Feedback & Comments