RESEARCH & DEVELOPMENT PROJECT
CYCLE 13 - PROJECT VN01
WEEKLY REPORT
13/11/2022 - 19/11/2022

Current Sprint: Research - Sprint 2
Kanboard: https://rnd-cycle13-vn01.atlassian.net/jira/software/c/projects/RC1V/boards/2
Current:
- *To do: 4 tasks*
- *In progress: 4 tasks*
- *Done: 10 tasks*

I. Weekly Goals

1. Goals for this week

1. First research week of second Research phase. Target
   a. Review and collect combinations of acupuncture points from 20 papers / team
   b. Acquire the data about acupuncture points
2. Conduct the interviews with the two selected acupuncturists (the first with Dr. Minh was done in this week, the second with Dr. Van will be conducted next Monday)
3. Analyze the results of interviews and redefine the set of requirements, as well as making changes to the functionalities and approaches based on the specialized point of view.

2. Goals for next week

1. Finish modifying the Project Proposal document to match with the new set of stakeholders and new set of functional requirements.
2. Finish collecting the required data for the 14 used meridians (12 main meridians and 2 extraordinary meridians).
3. Second week of second Research spring: start collecting data about the 60 most commonly used acupuncture points.
4. Set up code base and environments, libraries for Back-end side of the final product.

II. Detailed Progress report

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

   - Finished: Conducted a meeting with Dr Van on Monday
   - WIP: Find English acupuncture data sources to collect
   - WIP: Collect data about 7 meridians: LU, LI, ST, SP, HT, SI, BL

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

   - Finished: Sum up the idea and structure for the final products
   - Finished: Find the alternative data source for the acupuncture points.
   - WIP: Structurized the backend and CircleCI

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

   - Finished: Collect data about 2 meridians: KI, PC
   - WIP: Collect data about 5 meridians: TE, GB, LV, GV, CV
   - WIP: Find English acupuncture data source to collect

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

   - Finished: Analyze the requirements of the acupuncturists
   - Finished: Redefine the set of functional requirements and plan for Data Collection phase
   - Finished: Send email to ask for the approvement about the change in stakeholders and set of use cases for the final system (waiting for reply)
   - Finished: Define the methods for collecting data + sources for collecting data + structure and required fields for data collected for each item (meridians + acupuncture points)
   - WIP: Modifying the Project Proposal document

III. New plan for Data Collection phase

Method: Data to be involved in the Dataset would be collect in two different languages: Vietnamese (to match with expectations of Stakeholders) and English (to match with expectations of coordinators)

Sources for collection (suggested by the doctors):

- Từ điển châm cứu (Hoàng Duy Tân)
- **Học châm cứu bằng hình ảnh (Lê Quý Ngưu)**
- **Anatomical Atlas of Chinese Acupuncture Points (Chen Jing)**
- **Personal slides and documents of Dr. Minh**

- WHO standard acupuncture point locations in the Western Pacific region (WHO Regional Office for the Western Pacific.)
- The 361 Classical Acupuncture Points: Names, Functions, Descriptions and Locations (Stuart Lightbody)

Estimated time: 6 weeks

Target: Collect the following set of information:

- Information about the 14 meridians to be included:
    - Meridian code
    - Meridian name
    - Meridian path description
    - Meridian main related diseases
    - Acupuncture points of the meridian
- Information about the 60 most commonly used acupuncture points (selected by Dr. Minh):
    - Acupuncture point code
    - Acupuncture point name (Transliteration and Vietnamese)
    - Acupuncture point description
    - Acupuncture point location (can be anatomically related)
    - Acupuncture point functionality
    - Acupuncture point triggering method
- Basic information about the remaining 299 acupuncture points:
    - Acupuncture point code
    - Acupuncture point name
    - Acupuncture point brief description
    - Acupuncture point belonging meridian

Division: Equal number of items to collect for each week:

- **Week 1**: Collect data about 14 meridians:
    - Divided into 7 meridians / one member
    - 2 remaining members will cover another task besides data collection
- **Week 2**: Collect data about 60 most commonly used acupuncture points:
    - Divided into 15 acupuncture points / one member
    - For each point, both Vietnamese and English information must be collected
- **Week 3-6**: Collect data about the remaining 299 acupuncture points:
    - For each week, 75 acupuncture points data must be collected:
        - Two members would collect 25 acupuncture points each
        - Two remaining members would collect 13 acupuncture points each

- - ■ The selection of which members to collect more points will depend on the number of remaining tasks during that week. Since this phase is overlap with the upskilling phase of the project
  - ○ For each point, both Vietnamese and English information must be collected

Start: 17/11/2022 - Estimated end of December (estimated 4 Sprints)

IV. Feedback & Comments