COMP704 Research and Development Project

VN01 **3D acupuncture healthcare data management and treatment system**

Sprint Planning

Client: Dr William Liu

Supervisor: Dr Nhan Le Thi

Team Members:
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Version: 1.0

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Sprint: Sprint 3 - Research 2
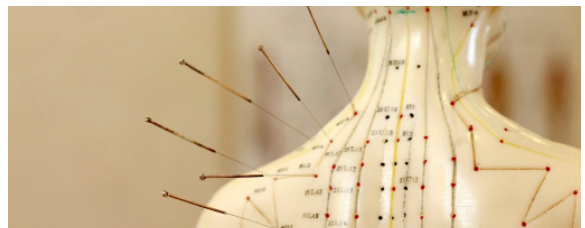
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DOCUMENT VERSION CONTROL

1. DOCUMENT INFORMATION

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Document title	**Sprint Planning – Sprint 3: Research 2**
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2. DOCUMENT SIGN-OFF

ID	Member	Role	Signature	Timestamp
21142355	Tan Le Tran Ba	Project Manager		11 Nov 2022 08:47

3. DOCUMENT VERSIONS

Version	Timestamp	Description	Responsible members
1.0	10 Nov 2022 23:49	Initial plan for the Sprint	**Nhan Nguyen Cao** *(21142377)*

I. SPRINT OBJECTIVE

- Research the books and define the pipeline for collecting data about acupuncture points and meridians in the next phase.
- Discuss with the supervisor and client about new target users for the project.
- Modify the Project Proposal document to match with the new approach for the project.
- Ask for contact information and tried to contact with 5 medical university students for interviewing.
- Prepare interview questions to ask the 5 medical university students.

I. SPRINT OBJECTIVE

II. SPRINT DETAILS

1. SPRINT TIMELINE

Timeline: 14 Nov 2022 – 27 Nov 2022

Duration: 2 weeks

Table 1 - Sprint timeline

Week	Timeline	Detail
1	14 Nov 2022 – 20 Nov 2022	Retrieve the contact information about 5 medical university students. Prepare the questions for interviewing with the 5 medical university students. Research for more books and documents from Medical University bookstore.
2	21 Nov 2022 – 27 Nov 2022	Interview with the 5 medical university students. Analyzing the results of empathy interview with the 5 medical university students. Perform market research for some similar applications in the market. Summarize the results of market research and define the suggested set of functional requirements. (Early) Collect data of 17 meridians.

2. TEAM VELOCITY

Table 2 - Team Velocity for the Sprint (unit: hours)

Day of week	Nhan Nguyen Cao (21142377)	Tan Le Tran Ba (21142355)	Trang Ho Ngoc Thao (21142358)	Chuong Pham Dinh (21142643)	Total
Mon	2	0	1	1.5	**4.5**
Tue	2	1.5	0	2	**5.5**
Wed	2	2	1	1.5	**6.5**
Thu	2	3	1	1.5	**7.5**
Fri	2	1	1	1.5	**5.5**
Sat	0	3	4	2	**9**
Sun	2	1.5	4	2	**9.5**
Total	**12**	**12**	**12**	**12**	**48**

3. BACKLOG ITEMS

Table 3 - Backlog items

Item ID	Item description	Story points	Estimated effort (h)	Notes
1	Research for books and documents from Medical University bookstore	2	6	
2	Redefine the functional requirements for the project	1	3	
3	Redefine the research method and plan for the phases	2	6	
4	Modify the Project Proposal document	2	6	
5	Report about interview results with the acupuncturists to supervisor	1	3	
6	Find data sources to collect English information about the acupuncture points and meridians.	2	6	
7	Discuss with Client (Dr. Liu) about new approach for the project	1	3	
8	Ask the acupuncturists through Zalo for contact information of 5 medical university students agreed to support	2	6	
9	Prepare the questions for survey form to ask the medical university students	2	6	
10	Send new Project Proposal to Dr. Liu and ask for progress checking report frequency	1	3	
11	Find groups of traditional medical university students to look for stakeholders	3	8	
12	Perform Market Research - Acupuncture3D	2	6	
13	Perform Market Research - Visual Acupuncture	2	6	
14	Perform Market Research - Easy Acupuncture 3D	2	6	
15	Summarize the results of Market Research	2	6	
16	Collect data about 7 meridians: LU, LI, ST, SP, HT, SI, BL	3	8	
17	Collect data about 7 meridians: KI, PC, TE, GB, LV, GV, CV	3	8	
Total	**17 tasks**	**33**	**96**	

4. SPRINT INPUTS

- Suggestion and offer to provide contact information from the acupuncturists of their students at medical university.
- Basic understanding about Design Thinking technique.
- Vietnamese book about trusted acupuncture points and meridians information (suggested by the acupuncturists).

5. SPRINT OUTPUTS

- Empathy interview result after interviewing with the 5 medical university students.
- Result of Market research of similar products in the market and define a set of promising functional requirements from the weak points of the selected applications.
- Selection of the English book to be used for collecting information about the acupuncture points and meridians.
- Result of collecting information from the suggested books for the 14 meridians available in the system (12 main meridians and 2 extraordinary meridians).

III. SPRINT DETAILS

Table 4 - Sprint details

Task ID	Task name	Story points	Estimated effort (h)	Assignee
1	Research for books and documents from Medical University bookstore	2	6	Trang Ho Ngoc Thao
2	Redefine the functional requirements for the project	1	3	Chuong Pham Dinh
3	Redefine the research method and plan for the phases	2	6	Tan Le Tran Ba
4	Modify the Project Proposal document	2	6	Nhan Nguyen Cao
5	Report about interview results with the acupuncturists to supervisor	1	3	Tan Le Tran Ba
6	Find data sources to collect English information about the acupuncture points and meridians.	2	6	Chuong Pham Dinh
7	Discuss with Client (Dr. Liu) about new approach for the project	1	3	Nhan Nguyen Cao
8	Ask the acupuncturists through Zalo for contact information of 5 medical university students agreed to support	2	6	Tan Le Tran Ba
9	Prepare the questions for survey form to ask the medical university students	2	6	Trang Ho Ngoc Thao
10	Send new Project Proposal to Dr. Liu and ask for progress checking report frequency	1	3	Nhan Nguyen Cao
11	Find groups of traditional medical university students to look for stakeholders	3	8	Tan Le Tran Ba
12	Perform Market Research - Acupuncture3D	2	6	Trang Ho Ngoc Thao
13	Perform Market Research - Visual Acupuncture	2	6	Nhan Nguyen Cao
14	Perform Market Research - Easy Acupuncture 3D	2	6	Chuong Pham Dinh
15	Summarize the results of Market Research	2	6	Nhan Nguyen Cao
16	Collect data about 7 meridians: LU, LI, ST, SP, HT, SI, BL	3	8	Tan Le Tran Ba
17	Collect data about 7 meridians: KI, PC, TE, GB, LV, GV, CV	3	8	Chuong Pham Dinh
Total	**17 tasks**	**33**	**96**	