AUT
UNIVERSITY
NEW ZEALAND

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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21142377	Nhan Nguyen Cao
21142355	Tan Le Tran Ba
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Date: 31st October 2022

Sprint: Sprint 2 - Research 1
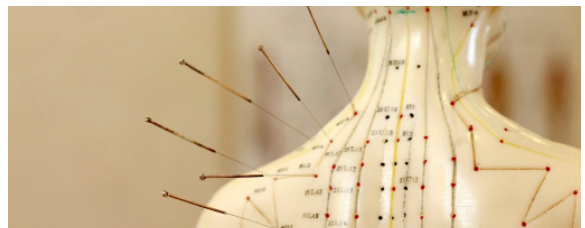
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DOCUMENT VERSION CONTROL

1. DOCUMENT INFORMATION

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2. DOCUMENT SIGN-OFF

ID	Member	Role	Signature	Timestamp
21142355	Tan Le Tran Ba	Project Manager		31 Oct 2022 09:30

3. DOCUMENT VERSIONS

Version	Timestamp	Description	Responsible members
1.0	30 Oct 2022 23:47	Initial plan for the Sprint	**Nhan Nguyen Cao** *(21142377)*

I. SPRINT OBJECTIVE

- Scan and collect the acupuncture points combinations from research articles and papers.
- Prepare, contact and conducted the interviews with the acupuncturists.
- Define the detailed plan for 2 phases: Requirements gathering and Data collection.
- Analyze the results of interviewing with the acupuncturists and plan for the next phase.

I. SPRINT OBJECTIVE

II. SPRINT DETAILS

1. SPRINT TIMELINE

Timeline: 31 Oct 2022 – 13 Nov 2022

Duration: 2 weeks

Table 1 - Sprint timeline

Week	Timeline	Detail
1	31 Oct 2022 – 6 Nov 2022	Scan the research articles to collect the acupuncture points combinations for curing some common diseases. Prepare the questions and try to contact the acupuncturists for interview. Conduct the interview with the acupuncturists (at the end of the week).
2	7 Nov 2022 – 13 Nov 2022	Analyze the results of interviewing with the acupuncturists. Define the new plan for next phases: Requirements gathering (from Medical university students) and Data collection.

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	Scan and collect data from 3 papers (Block 1)	2	6	
2	Scan and collect data from 3 papers (Block 2)	2	6	
3	Scan and collect data from 3 papers (Block 3)	2	6	
4	Scan and collect data from 3 papers (Block 4)	2	6	
5	Prepare questions for interviewing acupuncturists	2	5	
6	Sum up the questions for interviewing acupuncturists	1	3	
7	Compose the email content for invitation with the acupuncturists (template)	1	3	
8	Verify the email content for invitation the acupuncturists	1	3	
9	Contact the acupuncturists for invitation	2	6	
10	Scan and collect data from 5 papers (Week 2) (Block 1)	3	8	
11	Scan and collect data from 5 papers (Week 2) (Block 2)	3	8	
12	Scan and collect data from 5 papers (Week 2) (Block 3)	3	8	
13	Scan and collect data from 5 papers (Week 2) (Block 4)	3	8	
14	Conduct the meeting with Dr. Minh	2	3	
15	Conduct the meeting with Dr. Van	2	3	
16	Analyze the results of interviewing with the acupuncturists	3	8	
17	Define the new plan for collecting requirements from medical university students	2	6	
Total	**17 tasks**	**36**	**96**	

4. SPRINT INPUTS

- The contact information for the 2 acupuncturists (later as specialist consultants for the project).
- Sources for collecting the trustful research articles.
- Database of accessible trustful research articles (AUT library).
- Trusted acupuncture books and personal documents (provided by the acupuncturists).

5. SPRINT OUTPUTS

- Decision to collect the requirements from medical university students (new target users) rather than the acupuncturists.
- List of acupuncture points combinations for curing specific diseases and symptoms.
- Basic information provided by the acupuncturists about the guidelines for the final product, from the specialized perspective.
- Detailed plan for next phase: collect requirements from medical university students and data collection.

III. SPRINT DETAILS

Table 4 - Sprint details

Task ID	Task name	Story points	Estimated effort (h)	Assignee
1	Scan and collect data from 3 papers (Block 1)	2	6	Nhan Nguyen Cao
2	Scan and collect data from 3 papers (Block 2)	2	6	Tan Le Tran Ba
3	Scan and collect data from 3 papers (Block 3)	2	6	Trang Ho Ngoc Thao
4	Scan and collect data from 3 papers (Block 4)	2	6	Chuong Pham Dinh
5	Prepare questions for interviewing acupuncturists	2	5	Tan Le Tran Ba
6	Sum up the questions for interviewing acupuncturists	1	3	Nhan Nguyen Cao
7	Compose the email content for invitation with the acupuncturists (template)	1	3	Chuong Pham Dinh
8	Verify the email content for invitation the acupuncturists	1	3	Trang Ho Ngoc Thao
9	Contact the acupuncturists for invitation	2	6	Tan Le Tran Ba
10	Scan and collect data from 5 papers (Week 2) (Block 1)	3	8	Nhan Nguyen Cao
11	Scan and collect data from 5 papers (Week 2) (Block 2)	3	8	Tan Le Tran Ba
12	Scan and collect data from 5 papers (Week 2) (Block 3)	3	8	Trang Ho Ngoc Thao
13	Scan and collect data from 5 papers (Week 2) (Block 4)	3	8	Chuong Pham Dinh
14	Conduct the meeting with Dr. Minh	2	3	Nhan Nguyen Cao, Trang Ho Ngoc Thao, Chuong Pham Dinh
15	Conduct the meeting with Dr. Van	2	3	All
16	Analyze the results of interviewing with the acupuncturists	3	8	Chuong Pham Dinh

17	Define the new plan for collecting requirements from medical university students	2	6	Nhan Nguyen Cao
Total	**17 tasks**	**36**	**96**	