VN01 3D acupuncture healthcare data management and treatment system

Sprint Summary

Client:	Dr William Liu
Supervisor:	Dr Nhan Le Thi
Team Members:	21142643 Chuong Pham Dinh
	21142377 Nhan Nguyen Cao
	21142355 Tan Le Tran Ba
	21142358 Trang Ho Ngoc Thao
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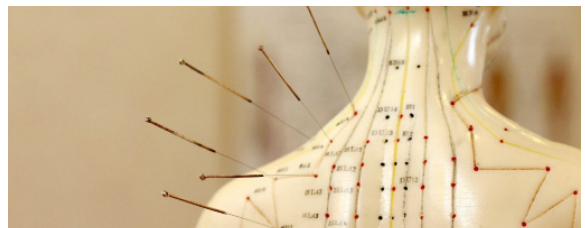
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DOCUMENT VERSION CONTROL

1. DOCUMENT INFORMATION

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2. DOCUMENT SIGN-OFF

ID	Member	Role	Signature	Timestamp
21142355	Tan Le Tran Ba	Project Manager		22 Feb 2023 20:00

3. DOCUMENT VERSIONS

Version	Timestamp	Description	Responsible members
1.0	20 Feb 2023 23:30	Summary the detail for the Sprint	**Nhan Nguyen Cao** *(21142377)*

I. SPRINT TIMELINE

Timeline: 6 Feb 2023 – 19 Feb 2023

Duration: 2 weeks

Table 1 - Sprint timeline

Week	Timeline	Detail
1	6 Feb 2023 – 12 Feb 2023	Collect user feedback from the target users (medical university students) and supervisor about the First version of Interactive prototype. Handle the API endpoints for storing, retrieving, updating information about the meridians. Label acupuncture points of second batch of 3 main meridians (TE, GB, Liv) to the 3-D model. Research and conduct technical experiments on advanced mouse effects (hovering and clicking) and camera effects (focusing on items) in Three.js library. Design feature test cases for Interactive Prototype – V1.
2	13 Feb 2023 – 19 Feb 2023	Summary user feedback from target users and supervisor about the First version of Interactive prototype. Discuss for the changes based on the summarized feedback on the Interactive prototype – V1 for V2. Handle the API endpoints for storing, retrieving, updating information about the acupuncture points. Label acupuncture points of second batch of 2 extraordinary meridians (Du, Ren) to the 3-D model. Optimize the interactions on the 3-D model and reduce lag. Implement feature test cases for Interactive Prototype – V1

II. SPRINT DETAILS

Table 2 - Sprint details

Task ID	Task name	Story points	Estimated effort (h)	Actual effort (h)	Assignee
1	Send interactive UI V1 to the students to get feedback about the prototype	2	4	6h 47m	Tan Le Tran Ba
2	Set up API endpoint for getting meridian information	1	3	3h 23m	Trang Ho Ngoc Thao
3	Set up API endpoint for updating meridian information	2	4	2h 58m	Trang Ho Ngoc Thao
4	Draw to layout: TE meridian	2	4	3h 45m	Tan Le Tran Ba
5	Draw to layout: GB meridian	3	6	7h 33m	Trang Ho Ngoc Thao
6	Draw to layout: Liv meridian	2	4	3h 41m	Chuong Pham Dinh
7	Research hovering and clicking the acupuncture points and meridians	2	4	2h 15m	Nhan Nguyen Cao
8	Research changing camera focus to the selected meridian or acupuncture points	2	4	1h 48m	Nhan Nguyen Cao
9	Technical experiments of mouse and camera effects on the 3-D model	3	6	5h 30m	Nhan Nguyen Cao
10	Design feature test cases for Interactive Prototype – V1	3	8	6h 45m	Chuong Pham Dinh
11	Summary the feedback about interactive UI V1 from the medical students and supervisor	3	6	4h 45m	Tan Le Tran Ba
12	Create the second version for prototype V2 based on the feedback received from V1 (Stage 1)	2	6	8h 25m	Tan Le Tran Ba

13	Draw to layout: Du meridian	2	4	2h 25m	Nhan Nguyen Cao
14	Draw to layout: Ren meridian + extra points	2	5	3h 50m	Chuong Pham Dinh
15	Set up API endpoint for getting acupuncture point information	3	6	2h 25m	Trang Ho Ngoc Thao
16	Set up API endpoint for updating acupucnture point information	3	6	3h 19m	Trang Ho Ngoc Thao
17	Implement feature test cases for Interactive Prototype – V1	3	6	6h 32m	Chuong Pham Dinh
18	Optimize interactions for the model in Three.js	3	6	2h 15m	Nhan Nguyen Cao
19	Reduce lag for the model integrated to the site using Three.js	2	4	3h 48m	Nhan Nguyen Cao
Total	**19 tasks**	**45**	**96**	**82h 09m**	

III. MEMBER CONTRIBUTION BREAKDOWN

Table 3 - Sprint contribution breakdown

Student ID	Name	Tasks	Story points	Total effort
21142643	Chuong Pham Dinh	4	10	20h 48m
21142377	Nhan Nguyen Cao	6	14	18h 01m
21142355	Tan Le Tran Ba	4	9	23h 42m
21142358	Trang Ho Ngoc Thao	5	12	19h 38m