![AUT University New Zealand logo]

COMP704 Research and Development Project

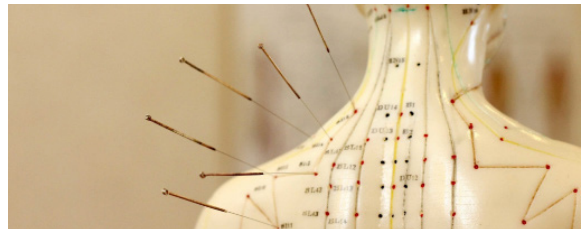**VN01** **3D acupuncture healthcare data management and treatment system**

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

Version: 1.0

Date: 28th December 2022

Sprint: Sprint 5 - Upskilling 1

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DOCUMENT VERSION CONTROL

1. DOCUMENT INFORMATION

Document code	**SS5**
Document title	**Sprint Summary – Sprint 5: Upskilling 1**
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Authors	**Nhan Nguyen Cao**
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2. DOCUMENT SIGN-OFF

ID	Member	Role	Signature	Timestamp
21142355	Tan Le Tran Ba	Project Manager		28 Dec 2022 15:00

3. DOCUMENT VERSIONS

Version	Timestamp	Description	Responsible members
1.0	27 Dec 2022 11:45	Summary the detail for the Sprint	**Nhan Nguyen Cao** *(21142377)*

I. SPRINT TIMELINE

Timeline: 12 Dec 2022 – 25 Dec 2022

Duration: 2 weeks

Table 1 - Sprint timeline

Week	Timeline	Detail
1	12 Dec 2022 – 18 Dec 2022	Review and upskill using some basic ground selected frameworks and libraries: React.js, Nest.js. Learn basic technique about Blender to create realistic skin texture for the selected 3D model. Review the documentation of Three.js library to acquire some basic understandings.
2	19 Dec 2022 – 25 Dec 2022	Add the created skin texture to the 3D model and evaluate appropriate color tones. Do some demo projects with Three.js library to understand different techniques and skills sets.

II. SPRINT DETAILS

Table 2 - Sprint details

Task ID	Task name	Story points	Estimated effort (h)	Actual effort (h)	Assignee
1	Review about Git and Github	2	6	4h 08m	Chuong Pham Dinh
2	Define the appropriate Git flow to be used for the project	1	3	1h 25m	Chuong Pham Dinh
3	Review about Nest.js framework	2	6	5h 35m	Trang Ho Ngoc Thao
4	Review about React.js library	2	6	3h 25m	Nhan Nguyen Cao
5	Research about creating texture in Blender	2	6	2h 19m	Nhan Nguyen Cao
6	Acquire the appropriate color tones for realistic human skin color	1	3	3h 15m	Tan Le Tran Ba
7	Create the skin color texture for the selected 3D model	2	6	4h 40m	Tan Le Tran Ba
8	Add the texture to the 3D model and evaluate the color tones	3	6	3h 08m	Nhan Nguyen Cao
9	Research – Initialize a Three.js project (dependently and integrated to React.js project)	2	7	3h 25m	Nhan Nguyen Cao
10	Research – Load existing 3D model to the site with Three.js	2	6	4h 18m	Trang Ho Ngoc Thao
11	Research – Render text and line in Three.js	2	6	2h 15m	Chuong Pham Dinh
12	Do demo project with Three.js – Color geometric floor	2	6	4h 27m	Trang Ho Ngoc Thao
13	Do demo project with Three.js – Globe and universe	2	6	3h 35m	Nhan Nguyen Cao
14	Do demo project with Three.js – Car racing	3	8	5h 3m	Nhan Nguyen Cao

15	Set up databases (main and staging) for the project using MongoDB	2	6	3h 28m	Trang Ho Ngoc Thao
16	Set up databases (main and staging) for the project using PostgreSQL	2	6	3h 15m	Chuong Pham Dinh
17	Experiment loading scene when displaying model into browser with Three.js library	1	3	2h 43m	Tan Le Tran Ba
Total	**17 tasks**	**33**	**96**	**60h 24m**	

III. MEMBER CONTRIBUTION BREAKDOWN

Table 3 - Sprint contribution breakdown

Student ID	Name	Tasks	Story points	Total effort
21142643	Chuong Pham Dinh	4	7	11h 03m
21142377	Nhan Nguyen Cao	6	14	20h 55m
21142355	Tan Le Tran Ba	3	4	10h 38m
21142358	Trang Ho Ngoc Thao	4	8	17h 48m