# 1. Declaration

I, [Student Name], declare that this assignment, titled [Assignment Title], is my own original work and has not been copied from any other source except where explicitly acknowledged. I have not engaged in plagiarism, collusion, or any other form of academic misconduct in the preparation and submission of this assignment. All sources of information and data used in this assignment have been properly cited and referenced in accordance with the prescribed guidelines. I have not used unauthorized assistance in the preparation of this assignment and have not allowed any other student to copy my work. I am aware that any breach of academic integrity may result in disciplinary action as per the policies of Monash University, which may include failing this assignment or the course, and further academic penalties.

Signature: _____Yanbo Liu_____               Date: ___01/09/2024_____

# 2. Github Check

Enter your Github details here.

| Github Username<br>*Enter your username here* | Lyb-35 |
|---|---|
| **A2 Shared?**<br>*Have you started and shared your assignment repository with your tutor yet?* | *yliu-project* |

# 3. Self-Evaluation

Rate your performance for each criteria. Put a ✅(tick) in the box where you think your work belongs.

| Criteria | Exceeds Expectations | Meets Expectations | Needs Improvement | Fail to meet expectations |
|---|---|---|---|---|
| BR (A.1): Development Stack and Coding | ✅ | | | |
| BR (A.2): Responsiveness | ✅ | | | |
| BR (B.1): Validations | ✅ | | | |
| BR (B.2): Dynamic Data & Data Structure | ✅ | | | |

| BR (C.1): Authentication | ✅ | | | |
|---|---|---|---|---|
| BR (C.2): Role-based authentication | | ✅ | | |
| BR (C.3): Rating | ✅ | | | |
| BR (C.4): Security | ✅ | | | |

# 4. Screen Recording of BRs

Create a 3 minute video showing your basic web application in action! Upload this video to your Google Drive and put the link here (ensuring that you have updated the access list so its not private).

> https://drive.google.com/file/d/1HEI_58vCGp4kZ0WZ77gEL_uffJGE_h2J/view?usp=sharing
> (make sure in the access settings you have shared it with your tutor OR set the permissions so that anyone with Monash account can video the video)

# 5. Reflections: Implementation of C.4 Security

If you have implemented BR C.4, in less than 200 words describe the approach that you have taken to implementing Security in your application. What security flaws were you trying to prevent and what security measures have you implemented to fix those flaws? How do you know that these measures will help prevent those issues from happening? Optionally you can cite external sources to provide evidence for your claim.

> I have placed restrictions on what can be entered into each input box on the user registration screen, so that if the user's input does not match the required style, then an error message will be indicated. This helps prevent some people from attacking this site with a lot of incorrect data entry. The use of web segment validation allows for a basic check of user input in a very short period of time, which is faster and less taxing on the system than sending data from the computer to a database to query for information.

# 6. Reflections: Challenges

What has been the most challenging part of this assignment for you? How has this stretched you as a programmer?

> For the first time in this assignment, I considered how to design a web page that meets the content requirements and design page layouts that present the content on that page concisely and understandably. This was a new experience for me. At the same time, this helped me further to understand the relationship

between the various components of vue.

# 7. Declaration: Additional Help

Any tools that you used (including Gen AI or existing code reuse) must be declared here.

**Note**: GenAI is not allowed for coding purposes in any assignment,

However, you may use GenAI for brainstorming and problem solving. You need to declare all such uses here. One row per help used.

| Name | Description |
| --- | --- |
| *Example: ChatGPT for brainstorming ideas* | *I used ChatGPT to brainstorm how to do X because I was feeling stuck with Y problem.* |
| | |