CA2 Individual Report

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| Name | Fill in Your Name |
| Student Id | Fill In ID With the Format - P1234567 |
| Class | Example: DIT/FT/1B/01 |
| Github Repository URL | Example: <https://github.com/ST0503-BED/bed-assignment-one-username> |
| Github Account ID | username |

For each competencies, find links to pull requests/commits/files that demonstrate the completion of the requirement. Replace each “**?**” with your Self Rating.

For Self Rating, you may rate yourself accordingly if you feel that you:

1. Have little or **no** understanding. and did not attempt the requirement
2. Have **limited** understanding of the specific competency
3. Have **basic** understanding and only able to replicate examples from tutorials/practicals.
4. Have **adequate** understanding and can extend from what you have learned to fulfil specifications.
5. Have **solid** understanding in the specific competency, able work on the requirement without much references.
6. Have **excellent** understanding and implemented the requirement according to latest industry guidelines, best practices and documentations.

**Important**

1. You are require to provide for each competency:
   * A brief **description**
   * **One or two** of your best implementations with URL **link** to respective repository request/commits/files.  
     **The implementations may come from Section A or B.**
   * You may also provide **screenshots** using POSTMAN to test API test.
2. You are to ensure the hyperlink in this document works. **Failure to do so will result in a 50% deduction of marks.**

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| No. | Competencies | Describe What Was Done | Self Rating |
| 1 | Backend Server | *(How did you handles incoming requests, communicates with the database, and provides appropriate responses?)* | ?/5 |
| 2 | Functionality | *(Did your features implemented meets the specified requirements and fulfils its intended purpose?)* | ?/5 |
| 3 | Code Quality | *(How did you organise your code to ensure maintainability, readability and adherence to coding best practices?)* | ?/5 |
| 4 | Modularity | *(How did you've organized your project to promote code reusability and maintainability?)* | ?/5 |
| 5 | Error Handling | *(How did you manage errors, provide informative feedback, and handle exceptional situations?)* | ?/5 |
| 6 | Documentation | *(What was written for comments, readme and external documentation?)* | ?/5 |
| 7 | JWT for Authentication | *(How did you generate, validate, and manage user tokens?)* | ?/5 |
| 8 | BCrypt for Password Hashing | *(How did you securely store and validate user passwords)* | ?/5 |
| 9 | Frontend to Backend HTTP Requests | *(How did you setup frontend communication with the backend?)* | ?/5 |
| 10 | HTML & CSS Proficiency | *(Provide example of how you managed to create structured layouts and visually appealing styles)* | ?/5 |
| 11 | Frontend Framework | *(What did you do to enhances the user experience and simplifies complex tasks?)* | ?/5 |
| 12 | JavaScript and DOM Manipulation | *(How does your frontend utilise dynamic content and DOM manipulation?)* | ?/5 |