

## Appendix D

### Tunku Abdul Rahman University of Management and Technology BAIT2073 Mobile Application Development

#### Task Description

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Programme : RSD                              Group : G5

Instruction: Answer **ALL** the questions. You may insert extra pages.

1. Please briefly describe the module(s)/function(s) you engaged in the assignment.

I mainly worked on the Service module and Workshop module. Basic functions included implementing validation, listing, sorting, filtering, and searching.

I also added features such as

- showing the processed distance between the user and the workshop, and
- making phone numbers and email addresses clickable so they link directly to the relevant system applications.
- displaying past customer reviews and ratings for each workshop,

Other than that, I contributed to the planning and UI design of other modules.

2. What are the strengths of the modules/functions created by you?

The modules and functions I created are user-friendly, making it easier for users to navigate and interact with the system. They also serve as a foundation for a car service app, covering essential features like service access, workshop access, and convenient contact options.

3. What are the weaknesses of the modules/functions created by you?

The main weaknesses are that, due to time limitations, I relied on hardcoded data instead of fully dynamic integration. Also, the lack of proper use of local caching caused slower image loading at times.

4. What have you learned in doing this assignment?

Through this assignment, I learned how to develop a mobile app and gained hands-on experience like applying various techniques to make the user experience more intuitive.

5. What are the challenges, if any, faced by you while working on this assignment?

One of the main challenges was balancing this assignment with the course schedule. Although I was very interested in the project, the programming language and framework we used were quite different from what I had learned before, so it took me some time to adapt.

Signature:

Date: 20/09/2025