Marking Scheme & Guidelines for 1st Phase of Final Year Project

(1st draft - April 2021)

Title Page

Declaration Page

- states that no copying took place

List of Acronyms

Table of Contents - 1 mark

Introduction - 12 marks - ch1

- Describe the problem in detail (include pictures) - 5

- Describe how the problem is going to be solved in detail - state any unique contributions - 5

- thesis outline - Give a brief overview on the organisation of the rest of the thesis - 2

Background & Literature Review- 32 marks -ch2

- chapter intro - 2

- give a summary of the problem

- outline the main items (sub-sections) that would be discussed in the rest of the chapter

- background information about the problem

- comparison with existing systems

- choice of approach

- summary

- 2.1 - background information about the problem (use pictures where necessary) - 4

- 2.2 - comparison (pros & cons) with existing systems - 20 (at least 3 comparisons, average 7 marks each)

- group similar existing works if possible and do the comparison

- state the methods the existing systems use

- give pictures of existing systems

- discuss pros and cons of the system

- comment on the respective system approach with your (the proposed) approach.

e.g. 1 - the proposed approach improves on this method with the addition of a map feature to assist with navigation

e.g. 2 - as this is the state of the art method in the literature, the proposed approach will be similar, the

only difference being that it would be more economical.

- each different comparison should be in a different sub-section

- 2.3 - choice of approach - 4

- give reasons for your choice of approach to solve the problem (do not go into fine details stick to major components

e.g. database to store the data & website to enter/interact with the data)

- 2.4 summary - state what was discussed in this chapter and state what would be done in the next chapter - 2

Methodology - 32 marks - ch3

- chapter intro - 3

- describe the general approach to solve the problem that involves the major components as outlined in the previous chapter

e.g. website, database, map, forms

- diagram of project's major components and show how they are linked

- outline the main items (sub-sections) that would be discussed in the rest of the chapter

- project's major components e.g. database, forms, webpages

- software method utilized e.g. waterfall (software methods could be applied to hardware only projects)

- summary

- 3.1 project's major components - 20

- Requirements analysis - give reasons for the choice of sub-components used in the specific major component

Note: if you did any survey to obtain information, you can discuss the results here, and post the survey

in the appendix

- diagram of subcomponents of the specific major component and how they are linked

- describe how each subcomponent functions in the specific major component

- each different major component should be in a different sub-section (e.g. forms, database, webpage, maps)

- 3.2 software method utilized - 7

- diagram of software method's major stages and interconnections

- describe how the software method works

- give reason(s) for the choice of software method

- show (with examples) how this particular software method would be utilized in your project

- 3.3 summary - state what was discussed in this chapter and state what would be done in the next chapter - 2

Status Report - 15 marks - ch4

- chapter intro - 2

- outline the main items (sub-sections) that would be discussed in the rest of the chapter

- Project Development Timeline

- Anticipated Risks

- Supervision

- summary

- 4.1 Project Development Timeline

- Ghant Chart - 5

- with reference to the ghant chart state the main phase of the project development that you currently are in

- with reference to the ghant chart state when do you anticipate the project would be completed

- 4.2 Anticipated Risks - 3

- describe any Anticipated Risks e.g. problems with 3 party software, or hardware

- 4.3 Supervision - 5

- state your experience that you had working with your suypervisor so far

- 5 logged meetings with supervisor (signed)

- state how often do you currently meet with your supervisor and what have been discussed so far (make reference to your logged meetings)

- state how often do you intend to meet with them in the future

- 4.4 summary - 2

- state what was discussed in this chapter

- describe your experience so far in the project

- state any enthusiasm that you may have towards the further development of this project and the skills you have/may learn.

Appendix - 1 mark

- contains Project Proposal Form (signed by supervisor)

and any additional material needed in the project

Bibliography - 3 marks (at least 6 references were made, and

formatted in charago format)

General Layout of Report: 4 marks

- spelling, punction, sentence structure, text size, sections

in the right order, all figures properly labelled