

## 1.0 WBL GROUP PROJECT SCOPES

Design and develop a web-based application according to WBL client requirements. The technical requirements as follows:

- a) Development period: 28th April 2022 - 23rd June 2022 (8 weeks)
- b) Group project (3-4 students/group)
- c) Documentation: SRS, SDD, STD
- d) Development approach: Agile (Scrum)
- e) Collaborative project management tools: Jira
- f) Database: SQL Server or any suitable databases
- g) Interface: Responsive
- h) Script/platform: .NET web application (C#)
- i) Framework: MVC 5 or MVC Core
- j) User manual
- k) Testing: Alpha and Beta/User Acceptance Test
- l) Expected system: Localhost full working prototype OR live server hosting

Communication channels: Jira (main dashboard, system progress), group WhatsApp & WebEx

## 2.0 PROJECT SUBMISSION

All groups are required to submit the following items:

- 1) Project report:
  - 1) Declaration (member list, % contribution, signature)
  - 2) Client/company introduction
  - 3) Problem background
  - 4) Proposed solution
  - 5) Gantt Chart – SCRUM framework
  - 6) Development approach: Agile-Scrum
  - 7) Software, language, tools, API, templates used
  - 8) Development steps
  - 9) System interface for all users
  - 10) Agile Framework & Jira interfaces - Collaborative development process
  - 11) User manual
  - 12) Localhost installation steps
  - 13) User credentials
  - 14) Documentation: SRS, SDD, STD
- 2) Complete system files in localhost setting. Please remove unused files to minimise the submission size (make it less than 50MB)

- 3) Submission: 30<sup>th</sup> June 2022  
haza@utm.my  
Email subject: AD Group YourGroupName  
Compress/zip all files

*\*\*I am unable to find your email if you use different email subject*

### 3.0 ASSESSMENT RUBRIC

INDUSTRY/COMPANY NAME :

EVALUATOR NAME :

STUDENT GROUP NAME :

ASSESSMENT ITEMS					SCORE
	<b>4 Exemplary</b>	<b>3 Proficient</b>	<b>2 Basic</b>	<b>1 Not Demonstrated</b>	
Development according to client requirements	System fulfil all client requirements	System fairly fulfil client requirements	System somewhat fulfil client requirements	System does not fulfil client requirements	
Creativity and design	<ul style="list-style-type: none"> <li>All the screen design are completed</li> <li>Fully reflect system requirements</li> </ul>	<ul style="list-style-type: none"> <li>Most of the screen design are completed</li> <li>Fully reflect system requirements</li> </ul>	<ul style="list-style-type: none"> <li>Some of the screen design are completed</li> <li>Fully reflect system requirements</li> </ul>	<ul style="list-style-type: none"> <li>None of the screen design are completed</li> <li>Does not reflect system requirements</li> </ul>	
User interface	<b>All</b> menus, colour, input page, output page, information page, notification, verification, confirmation and layout are well designed.	<b>Most</b> menus, colour, input page, output page, information page, notification, verification, confirmation and layout are well designed.	<b>Some</b> menus, colour, input page, output page, information page, notification, verification, confirmation and layout are well designed.	Menus, colour, input page, output page, information page, notification, verification, confirmation and layout are <b>poorly</b> designed.	
Usability and navigation of the system	<ul style="list-style-type: none"> <li>The directions are clear and easy to follow</li> <li>System is interactive.</li> <li>System is easy to navigate through.</li> </ul>	<ul style="list-style-type: none"> <li>The directions are fairly clear and easy to follow</li> <li>System is fairly interactive.</li> <li>System is fairly easy to navigate through.</li> </ul>	<ul style="list-style-type: none"> <li>The directions are not clear and hard to follow</li> <li>System is somewhat interactive.</li> <li>System is somewhat easy to navigate through.</li> </ul>	<ul style="list-style-type: none"> <li>The directions are not clear and hard to follow</li> <li>System is not interactive.</li> <li>System is hard to navigate through.</li> </ul>	

## SECP3106 APPLICATION DEVELOPMENT – WBL GROUP PROJECT

Technical quality	<ul style="list-style-type: none"> <li>• System loads quickly and error-free.</li> <li>• System works well.</li> <li>• System produces correct output</li> </ul>	<ul style="list-style-type: none"> <li>• System loads fairly quickly and less error.</li> <li>• System works fairly well.</li> <li>• System produces correct output</li> </ul>	<ul style="list-style-type: none"> <li>• System loads fairly slowly and many errors.</li> <li>• System works somewhat well.</li> <li>• System produces both correct and wrong output</li> </ul>	<ul style="list-style-type: none"> <li>• System loads slowly and many errors.</li> <li>• System not works well.</li> <li>• System produces wrong output</li> </ul>	
User manual	Clear instruction for <b>all</b> system users	Clear instruction for <b>most</b> system users	Clear instruction for <b>some</b> system users	The instruction is <b>hard</b> to follow by all system users	
Clarity of explanation and progress presentation during regular meeting and industry day presentation	<ul style="list-style-type: none"> <li>• Presentation is well organized</li> <li>• Communication is simple and clear</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is not well organized</li> <li>• Communication is simple and clear</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is not well organized</li> <li>• Communication is simple and somewhat clear</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is not organized</li> <li>• Communication is not clear</li> </ul>	
User training	Complete system training (all user modules) has been well conducted	Training on most of the functions for all users has been conducted	Training on some functions has been conducted	No training has been provided	
<b>Total Score:</b>					