



UNIVERSITI KUALA LUMPUR

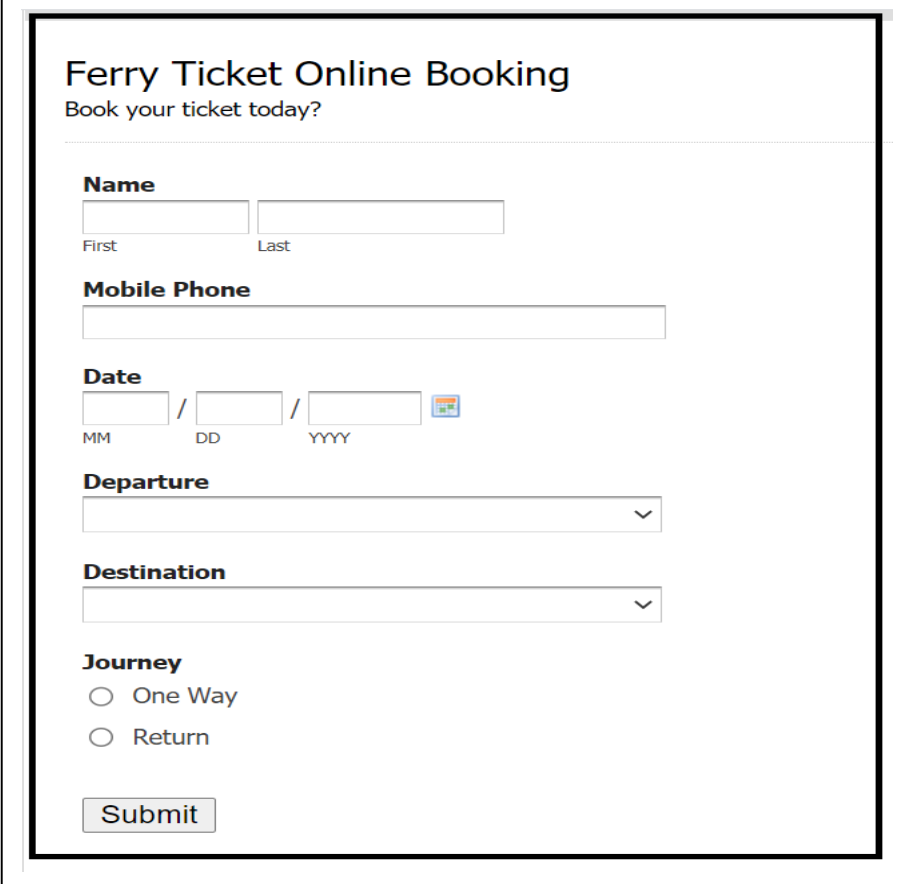
ASSESSMENT BRIEF

COURSE DETAILS	
CAMPUS	MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY
COURSE NAME	MOBILE AND UBIQUITOUS COMPUTING
COURSE CODE	ISB 26603
COURSE LEADER	DR NORHAIDAH A. HARIS
LECTURER	DR. NORHAIDAH A. HARIS
YEAR/SEMESTER	YEAR 2 / SEM 2

ASSESSMENT DETAILS	
TITLE/NAME	PROJECT
DATE/DEADLINE	Week 13
COURSE OUTCOME(S)	Design and develop a mobile application (P3, PLO8)
INSTRUCTIONS	<ol style="list-style-type: none">1. This is a GROUP project (Create a group of 2 or 3 members).2. Students are required to do ALL SECTIONS of the project and submit it on or before the defined deadlines (see Submission Deadline).3. Any plagiarism detected; the marks allocated for the project will be deducted.4. 0 Marks will be given for late submission.
DELIVERABLES	<ol style="list-style-type: none">1. CODES2. PRESENTATION3. REPORT (PDF format only)

Section A: Application Development

PROJECT



The form is titled "Ferry Ticket Online Booking" with a subtitle "Book your ticket today?". It contains several input fields: "Name" with sub-fields for "First" and "Last", "Mobile Phone", "Date" with MM/DD/YYYY format and a calendar icon, "Departure" and "Destination" as dropdown menus, and "Journey" with radio buttons for "One Way" and "Return". A "Submit" button is at the bottom.

Figure 1: Ferry Ticket Online Booking Form

Question

Read the question carefully and write the application program.

You are required to build a Ferry Ticket Online Booking form as shown in Figure 1.

- a. First-time users, need to register their **username** and **password** using the apps. Users **MUST** log in to use the apps for booking. The user data is saved inside Table1: user.

Table 1: user

Field	Type	Null	Key	Extra
user_id	int(6)	NO	PRIMARY	AUTO_INCREMENT
f_name	varchar(50)	NO		
l_name	varchar(50)	NO		
username	varchar(20)	NO		
password	varchar(20)	NO		
mobilehp	varchar(20)	NO		

- b. The “Departure” and “Destination” fields allow the user to choose places such as Penang, Langkawi, Singapore, Batam and Koh Lipe.
- c. Create a database **ferryservices** and create a table **ferryticket** as shown in table 2.

Table 2: ferryticket

Field	Type	Null	Key	Extra
book_id	int(6)	NO	PRIMARY	AUTO_INCREMENT
depart_date	Date	NO		
journey	varchar(10)	NO		
depart_route	varchar(20)	NO		
dest_route	Varchar(20)	NO		
user_id	int(6)	NO		

- d. Allow the user to make data submissions through the form and save it into the database.
- e. Create a new screen to allow the user to view their booking and confirmed their booking. The user is allowed to update and cancel their booking.
- f. Design your application according to your creativity.
- g. The report must include all the printed screens of the Input and Output. Make sure all the codes can be read!
- h. Upload all the codes that are saved in the LIB folder of your apps into the specified folder in VLE.

Good Luck

Section B: Project Report

The project report should consist of the following component:

- a. Cover page
- b. Plagiarism statement with student signature (Refer to Appendix 1)
- c. Clear listing of individual tasks (Refer Appendix 1)
- d. Project section
 - i. Students sent should write a step-by-step on how to use their app.
 - ii. Students need to provide screenshots of their app to support the steps describe in (i).
- e. Reference section
Students need to provide all references that they've used to complete this project (Minimum 5 references).

Section C: Project Presentation

- a. Presentation must be carried out by ALL members of the group highlighting the main points of their project (Codes and Database).
- b. You are required to run your apps and demonstrate how your apps work.
- c. Presentation duration 10-15 minutes.

GOOD LUCK

<p>The key to success is to focus on goals, not obstacles. Great things never come from comfort ZONES.</p>
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MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

**ISB26603 MOBILE AND UBIQUITOUS COMPUTING
SEPTEMBER 2022**

Plagiarism Statement

Read, complete, and sign this statement to be submitted with the written report.

We confirm that the submitted works are all our own work and are in our own words.

Name (Block Capital & Alphabetical Order)	Matric No.	Group	Signature*
1.			
2.			
3.			

Date:

ISB26603 MOBILE AND UBIQUITOUS COMPUTING

Individual Tasks Allocation

Indicate (√) in member name column if he/she have involved in that task.

Tasks and description		(Type Student Name 1)	(Type Student Name 2)	(Type Student Name 3)
1				
2				
3				