

ICA Documentation

Module Title: Web Apps and Services	Module Leader: Soo Lian Kei
	Module Code: TU Module
Assignment Title: Event Management System	Deadline Date: 9th June 2020
	Deadline Time: 5.00PM
	Submission Method: Online

Message from Module Leader**Submission Files:**

You should save all the files (include the Design Document in PDF format, all databases and all source codes) in a Zip file.

Submission Method:

You should submit your project via one of the following methods:

1. Submission via Email

You can send an email to me, attached with your project Zip files to liankei.soo@firstcity.edu.my. You should make sure that the sharing is ON and make sure that I can access/download the attached Zip file.

2. Submission via Whatsapps

You can send the project Zip file to me via Whatsapps @ **011-65160287**.

STUDENT NAME	STUDENT ID	CLASS CODE
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Marking Guidelines (PART 1)

To achieve full marks you must achieve each aim as defined in the following tables

Criterion	Excellent (85-100%)	Very Good (70-85%)	Good (55-70%)	Satisfactory (40-55%)
Product (35%)	Product executes without causing run-time exception or error. Product meets or exceeds all of the functional requirements. User interface and application workflow have been appropriately customised.	Product executes with appropriate bespoke pages upon error. Product meets most functional requirements. User interface and application workflow have some customisation.	Product executes with infrequent uncaught run-time exceptions. Product meets all of the MUST and SHOULD functional requirements. User interface has some customisation but application workflow is mostly scaffolded.	Product executes but has frequent uncaught run-time exceptions. Product meets all of the MUST functional requirements. User interface and application workflow is as scaffolded.
	Mark			
	Comments			
Technique (30%)	ASP.NET and EntityFramework features are used extensively and successfully. Services demonstrate correct use of HTTP with suitable end-points. View Models and Data Transfer Objects are used appropriately. Code design shows evidence of layering around presentation, business rules and data access. AJAX calls are used to improve the user interface.	ASP.NET and EntityFramework features are used extensively and successfully. Created services demonstrate successful, but not RESTful, use of HTTP with various end-points. View Models and Data Transfer Objects are used appropriately. Code design shows little evidence of layering. AJAX calls are used to improve the user interface.	Most of the demonstrated features of ASP.NET and EntityFramework are used successfully. Given HTTP services are used successfully. Some additional View Models and Data Transfer Objects are used. Code design shows little evidence of layering or design pattern usage. AJAX calls are not used.	ASP.NET and EntityFramework are generally used successfully. Given HTTP services are used successfully. Only given View Models and Data Transfer Objects are used. Code design shows little evidence of layering or design pattern usage. AJAX calls are not used.
	Mark			
	Comments			

Docu- mentation (15%)	Code documentation identifies the key problems and challenges of the assignment and details alternative solutions to them. Justification is given for choices made with reference to suitable knowledge sources. Documentation is short because it is clear and concise.	Code documentation identifies the key problems and challenges of the assignment with some detail of alternative solutions. Justification is given for choices made but without reference to suitable knowledge sources. Documentation feels padded in places.	Code documentation identifies the key problems and challenges of the assignment. There is no justification given for choices made. Documentation frequently feels padded, too short or overly long.	Aspects of the code are documented, but there is no documentation that discusses the key problems or challenges of the assignment. There is no justification given for choices made. Documentation exists but is incomplete.
	Mark			
	Comments			

Marking Guidelines (PART 2)

Criterion	Excellent (85-100%)	Very Good (70-85%)	Good (55-70%)	Satisfactory (40-55%)
Testing (20%)	Testing plan is extensive with multiple tests to verify each functional requirement. Test results are complete, indicating the outcome of each test and whether the functional requirement is successfully verified. The overall evaluation is justified by the test plan and results.	Testing plan is extensive with multiple tests to verify most functional requirement. Test results are almost completed, indicating the outcome of most test and whether the functional requirement is successfully verified. The overall evaluation is justified by the test plan and results.	Testing plan is extensive with multiple tests to verify some functional requirement. Test results are partially indicating the outcome of partial test and whether the functional requirement is successfully verified. The overall evaluation is roughly justified by the test plan and results.	Testing plan is extensive with few tests to verify each functional requirement. Test results are incomplete and not indicating the outcome of each test and whether the functional requirement is successfully verified. The overall evaluation is less justified by the test plan and results.
	Mark			
	Comments			

TOTAL MARK:

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Test Plan

The following user-based test plan are prepared based on the requirements stated on the project briefing. The test cases are to test all the inputs from user and check if the actual result match with expected result or not. Comments on how to fix the problem in the test cases that the actual result did not match with the expected result is recorded down.

User-based Test Plan (MUST)				
Id	Description/ Purpose	Data/ Procedure	Expected Result	Actual Results/Comments
1	Create new Customer	Surname: Choo First Name: Han Yang Email: hanyang@gmail.com	New customer added to list.	New customer added to list.
2	Create new Customer with some blank fields	Surname: Choo First Name: Han Yang Email: <i>blank</i>	Customer creation rejected (need email)	Customer creation rejected (need email)
3	Create new Customer with some blank fields	Surname: Choo First Name: <i>blank</i> Email: hanyang@gmail.com	Customer creation rejected (need first name)	Customer creation rejected (need first name)
4	Create new Customer with some blank fields	Surname: <i>blank</i> First Name: Han Yang Email: hanyang@gmail.com	Customer creation rejected (need surname)	Customer creation rejected (need surname)
5	Display a list of customers	Click on Customer tab on the navigation bar	List of customers are displayed	List of customers are displayed
6	Edit customer	Surname: Law First Name: Ben Ben Email: lbb@gmail.com	Customer details are updated	Customer details are updated
7	Edit customer with some blank fields	Surname: Law First Name: Ben Ben Email: <i>blank</i>	Customer update rejected (need email)	Customer update rejected (need email)
8	Edit customer with some blank fields	Surname: Law First Name: <i>blank</i> Email: lbb@gmail.com	Customer update rejected (need first name)	Customer update rejected (need first name)

9	Edit customer with some blank fields	Surname: <i>blank</i> First Name: Ben Ben Email: lbb@gmail.com	Customer update rejected (need surname)	Customer update rejected (need surname)
10	Create new Event	Title: Padoru's Wedding Date: 1/12/2020 11:10 AM Duration: 11:00:00 Typeld: WED	New event added to list	New event added to list
11	Create new Event with some blanks field	Title: <i>blank</i> Date: 1/12/2020 11:10 AM Duration: 11:00:00 Typeld: WED	Event Update rejected (need title)	Event Update rejected (need title)
12	Create new Event with some blanks field	Title: Padoru's Wedding Date: <i>blank</i> Duration: 11:00:00 Typeld: WED	Event Update rejected (need date)	Event Update rejected (need date)
13	Create new Event with some blanks field	Title: Padoru's Wedding Date: 1/12/2020 11:10 AM Duration: <i>blank</i> Typeld: WED	Event Update rejected (need duration)	New event added to list. Fixed this problem by making this field to be required field
14	Create new Event with some blanks field	Title: Padoru's Wedding Date: 1/12/2020 11:10 AM Duration: 11:00:00 Typeld: <i>blank</i>	Event Update rejected (need typeid)	Event Update rejected (need typeid)
15	Edit an event	Title: Jojo's Big 80 Duration: 05:00:00	Event details are updated	Event details are updated
16	Edit an event with some blank fields	Title: Jojo's Big 80 Duration: <i>blank</i>	Event update rejected (need duration)	Event details are updated. Fixed this problem by making this field to be required field
17	Edit an event with some blank fields	Title: <i>blank</i> Duration: 05:00:00	Event update rejected (need title)	Event update rejected (need title)

18	Book a customer onto an event as a guest	Customer Name: Robert Robertson Event: Jojo's Big 80 Attended: <i>unchecked</i>	Guest Booking is created	Guest Booking is created
19		Customer Name: Jin Jellybeans Event: Jojo's Big 80 Attended: <i>checked</i>	Guest Booking is created	Guest Booking is created
20	List Guest with total count for an event	Click 'Guest Booking' besides any event	List of guests including total count of guest is displayed	List of guests including total count of guest is displayed
21	Register the attendance of guest	Click on 'Update Attendance' on the row that wanted to update, and check or uncheck the checkbox	The attendance of guest is updated	The attendance of guest is updated
22	Display details of a customer (including information about events which they are associated and their attendance	Click on Guest Booking tab on navigation bar	List of guests, information about the event that are associated, and their attendance are displayed	List of guests, information about the event that are associated, and their attendance are displayed
23	Cancel the booking of a customer from upcoming event	Click Delete on the guest booking row that wanted to be deleted	The booking is cancelled and removed from guest booking list	The booking is cancelled and removed from guest booking list
24	Reserve an appropriate available venue	Click on Reservations on the event row that wanted to reserve venue, pick the available venue and click Reserve	The venue is reserved for the event if there is appropriate and suitable venue is picked	The venue is reserved for the event if there is appropriate and suitable venue is picked

25	Free any associated venue	Click on Cancel on the event that wanted to free the venue	The venue is freed from the associated event	The venue is freed from the associated event
26	Display list of events with summary information about guest and venue	Click on Event tab on navigation bar	List of events with summary information are displayed	List of events with summary information are displayed

User-based Test Plan (SHOULD)				
Id	Description/ Purpose	Data/ Procedure	Expected Result	Actual Results/Comments
27	Create new Staff	Surname: Choo First Name: Han Yang Email: hy@gmail.com First Aider: <i>checked</i>	New Staff added to list	New Staff added to list
28	Create new Staff with some blank fields	Surname: Choo First Name: Han Yang Email: <i>blanked</i> First Aider: <i>unchecked</i>	Staff creation rejected (need email)	Staff creation rejected (need email)
29	Create new Staff with some blank fields	Surname: Choo First Name: <i>blanked</i> Email: hy@gmail.com First Aider: <i>checked</i>	Staff creation rejected (need first name)	Staff creation rejected (need first name)
30	Create new Staff with some blank fields	Surname: <i>blanked</i> First Name: Han Yang Email: hy@gmail.com First Aider: <i>checked</i>	Staff creation rejected (need surname)	Staff creation rejected (need surname)
31	Display a list of Staffs	Click on Staff tab on navigation bar	List of Staffs are displayed	List of Staffs are displayed
32	Edit Staff	Surname: Chow First Name: Tzuyu Email: tzuyu@gmail.com First Aider: <i>checked</i>	Staff details are updated	Staff details are updated

33	Edit Staff with some blank fields	Surname: Chow First Name: Tzuyu Email: <i>blanked</i> First Aider: <i>checked</i>	Staff update rejected (need email)	Staff update rejected (need email)
34	Edit Staff with some blank fields	Surname: Chow First Name: <i>blanked</i> Email: tzuyu@gmail.com First Aider: <i>checked</i>	Staff update rejected (need first name)	Staff update rejected (need first name)
35	Edit Staff with some blank fields	Surname: <i>blanked</i> First Name: Tzuyu Email: tzuyu@gmail.com First Aider: <i>checked</i>	Staff update rejected (need surname)	Staff update rejected (need surname)
36	Assign available staff to event	Click Staff Booking tab in navigation bar, click on create new booking. Pick the staff and event, then create	Staff that is picked is assigned to the event	Staff that is picked is assigned to the event
39	Remove assigned staff to event	Click Delete on the row of the staff that are going to be removed from event	The staff is unassigned from the event	The staff is unassigned from the event
40	Warn the user if there is no first-aider assigned to event	Remove any first-aider staff from event	Appropriate warning is displayed indicates that there is no first aider	Appropriate warning is displayed indicates that there is no first aider
41	Warn the user if there are fewer than one staff per 10 guests assigned to an event	Remove all the staffs assigned to the event	Appropriate warning is displayed indicates that the staff-guest ratio is imbalance	Appropriate warning is displayed indicates that the staff-guest ratio is imbalance
42	Display information about upcoming events that they are assigned to work	Click on the Event Booking on the staff that user wanted to check	Details and Information about upcoming events of the staff is displayed	Details and Information about upcoming events of the staff is displayed

43	Cancel an event	Click on cancel of the event that user wanted to cancel	Venue code of the event will be set back to default (empty) All the assigned staff in the event will be unassigned	Venue code of the event will be set back to default (empty) All the assigned staff in the event will be unassigned
44	Display details of specific event	Click on details of event that user wanted to check	Details of event is displayed along with invited guest and staff assigned	Details of event is displayed along with invited guest and staff assigned
45	Delete customer personal data permanently	Click delete on the customer that wanted to be deleted	Surname, first name and the email of the customer will be updated to "null"	Surname, first name and the email of the customer will be updated to "null"

Overall Evaluation

This project is a web-based event management intranet system that used for manage guests, events and venues.

The project is completed within the given timeframe, all the “MUST” and “SHOULD” functional requirements are achieved and fulfilled based on the test plans and results shown above.

Besides, there are some function requirements that are not done due to lack of time and lack of knowledge about ASP.NET Core framework. The requirements that are not done are fall under WOULD category of the functional requirements.

In addition, the user interface is customised to provide a better experience to the user. Besides, unused links are removed, and title of every page is modified to provide a better user experience.

There are a lot of problems faced during the development of the application, but most of the problems are managed to solve through online forums and seeking help from lecturer.