



GROUP ASSIGNMENT

AINT001-4-2 INTERNET APPLICATIONS

Intake :
Lecturer :
Date Assigned :
Date Due :

LEARNING OUTCOMES

At the end of this assignment, you should be able to:

1. Develop and host an Internet-Ready application.
2. Choose the best approach to the development of an Internet application.
3. Demonstrate the ability to choose the best tools to complete an internet application project.
4. Report on current uses of web design elements in an application.

PROJECT TITLES

As one of the members of a web development team that consists of 3 – 4 persons, you are assigned to develop a website for a student's **sport club** in Asia Pacific University (APU). The objective is to create a website that will serve as a resource for both members and non-members who are looking for **information, activities and resources.**

Only **ONE** type of sport or game is allowed. The website **MUST** consist of the following pages/sections:

- **Club mission, vision and objective**
- **Rules/regulations for the sports/game**
- **Required Attire/equipments**
- **Calendar and events**
- **News and media**
- **Registration form, enquiry form & feedback form**
- etc. (please refer to **Requirement** section)

Your group is required to design and develop a fully working website. The website must demonstrate good usage and appropriateness of multimedia elements. You are expected to provide suitable interfaces by applying design principles and a fully functional navigation component. Multimedia elements and JavaScript must be included in the website for interaction and presentation purposes. You will need to meet various implementation requirements, but the actual content of the website is entirely up to you.

The group in-course assignment is weighted at 70 % for group work and 30% on individual components. Each team member is expected to put in an equal amount of effort into the project. You are reminded that co-operation is the key to ensuring that the project is completed successfully. Being of a collective nature, the entire group is held liable for the success of it.

REQUIREMENTS

The usage of web page creation tools is permitted. You have the option of developing the website using the following tools:

- Adobe Dreamweaver
- Microsoft Web Expression
- Microsoft Visual Studio

The website must fulfill the following criteria; i.e. it should:

1. Consist of 10 - 20 interlinked pages.
2. Contain examples of appropriate usage of HTML elements.
3. Demonstrate usage of Cascading Style Sheets (CSS)
4. Provide quality content.
5. Demonstrate usage of multimedia elements.
6. Demonstrate usage of JavaScript.
7. Provide appropriate navigation support.
8. Perform proper file organization and naming convention.
9. Be viewable on multiple browsers and settings.

DOCUMENTATION

Your documentation should contain at least 2500 words. Documentation should be in a formal report format. The documentation should include the following:

1. Format:
 - Type face: Arial, Times New Roman or Verdana. Bold face, italic & lines can be used for emphasizing and to enhance readability
 - Font size: 12(except titles and headings)
 - Margins: 1" from the left, right, top & bottom of the edges of the A4 paper
 - Spacing: maximum 1.5 lines between texts of a paragraph
 - Alignment: justify
 - Headers and footers can be used
 - Be numbered
 - Color and binding

2. Cover page, your cover page should contain the following items
 - Team member's name and student ID
 - Intake code
 - Subject
 - Project Title
 - Date Assigned (the date the assignment was handed out)
 - Date Completed (the date the report is due to be handed in)
 - APU logo
3. Recommended Content
 - Acknowledgement
 - Table of Contents - The table of contents should have the topic title and reference page number attached to each topic.
 - Introduction - This section introduces your project including the background information of the website, and objectives, scopes, targeted audiences, project schedule and a summary of the major sections of your website.
 - Storyboard & Modeling - The section defines the interface design, functional flow chart, storyboard, website architectures, web page descriptions and etc. You are required to discuss the design decisions made and the reasons for them
 - Evaluation - Explain how the proposed system solves the existing problems and addresses opportunities. You may also discuss major technical problems faced during development and how do you solve these problems.
 - Future Enhancements – Explain major technical problems faced during development and how do you solve these problems and shortcomings
 - Conclusions
 - References – Strictly Harvard style referencing
 - Attachments – Include at least 5 meeting and progress reports, meeting attendance sheet & a signed workload matrix. The weekly report should include what you have done for the entire development cycle.

SUBMISSION

1. Documentation must be submitted in printed copy & softcopy.
2. All other necessary files to run the website and project documentation should be all included in a CD/DVD to be handed in together with the documentation.

PRESENTATION

You are required to present your website to the lecturer, and the presentation will be judged accordingly. You can use any of the presentation software, e.g. PowerPoint.

ASSESSMENT CRITERIA

The group in-course assignment weighted at 70 % for group work and 30% on individual components. Group & individual efforts will be assessed based on the following criteria.

No	Group Criteria (140/200)	Mark Allocated (%)	Score (%)	Remark
	Documentation (80/200)			
1	Introduction	20	0	0 F, Fail
2	Storyboard & Modeling	20	0	
3	Screenshots, Evaluation & Future Enhancements	20	0	
4	Conclusion, References & Documentation Standard	20	0	
	Implementation (60/200)			
5	Web page presentation (Layout and Design), Navigation Structure & Usability	20	0	0 F, Fail
6	HTML, CSS & Multimedia Elements	20	0	
7	Features using JavaScript	20	0	
No	Individual Criteria (60/200)	Mark Allocated (%)	Score (%)	Remark
1	Name:	(%)	(%)	
8	Attendance, Meeting & Progress Reports	20	0	0 F, Fail
9	Workload & Contribution	20	0	
10	Presentation	20	0	
	Total:	200	0	F, Fail
		Percentage:	0.00%	
No	Individual Criteria (60/200)	Mark Allocated (%)	Score (%)	Remark
2	Name:	(%)	(%)	
8	Attendance, Meeting & Progress Reports	20	0	0 F, Fail
9	Workload & Contribution	20	0	
10	Presentation	20	0	
	Total:	200	0	F, Fail
		Percentage:	0.00%	
No	Individual Criteria (60/200)	Mark Allocated (%)	Score (%)	Remark
3	Name:	(%)	(%)	
8	Attendance, Meeting & Progress Reports	20	0	0 F, Fail
9	Workload & Contribution	20	0	
10	Presentation	20	0	
	Total:	200	0	F, Fail
		Percentage:	0.00%	
No	Individual Criteria (60/200)	Mark Allocated (%)	Score (%)	Remark
4	Name:	(%)	(%)	
8	Attendance, Meeting & Progress Reports	20	0	0 F, Fail
9	Workload & Contribution	20	0	
10	Presentation	20	0	
	Total:	200	0	F, Fail
		Percentage:	0.00%	

Marking Guide Line:

Distinction (Excellent)	Credit (Good)	Pass (Adequate)	Marginal Fail (Poor)	Fail (Very Poor)
15 -20	13 - 14	10 - 12	8 - 9	0 - 7

Performance Criteria

Criteria	Remarks
Distinction A+: 80% A: 75-79%	<ul style="list-style-type: none"> Outstanding, comprehensive and clear explanation or implementation of the stated criteria. A quality piece of work giving full coverage of the criteria stated.
Credit B+: 70-74% B:65-69%	<ul style="list-style-type: none"> Effective and good standard of stated criteria used or implemented Project works well with some minor limitations
Pass C+: 60-64% C: 55-59% D: 50-54%	<ul style="list-style-type: none"> Acceptable and sufficient criteria used or implemented Project essentially works but has some severe limitations
Marginal Fail D-: 40-49%	<ul style="list-style-type: none"> Insufficient and unclear of stated criteria used or implemented System does not work in most parts
Fail F+: 30-39% F: 20-29% F-: 0-19%	<ul style="list-style-type: none"> Major sections of stated criteria missing System does not work at all