

## Assignment Develop Interactive Story book

This assignment contributes **40%** of the overall marks for the module WD2201 Basic Web Programming. For this assignment, students will be working in a **group** of minimum **2 (two)** and maximum **3 (three) students**. You may discuss the general viewpoints of the assignment with the other groups but working collaboratively with different groups to finish the task is not permitted and will result in failing the assignment.

### Requirements:

1. The website must be constructed using combination of HTML, CSS, Document Object Modal (DOM) and JavaScript. Any features and/or technical requirements implemented using third-party libraries and/or templates will not be assessed. Kindly, consult your respective module facilitator should you have queries about using third party tools.
2. Your work will be assessed based on functional and error-free features and ease of use.
3. Full specification of the website can be found in the next page. You are advised to read them thoroughly.
4. Students are expected to demonstrate high level of academic integrity such as codes adapted from other sources are acknowledged accordingly.
5. Students will be assessed on how they apply concepts taught in classes and expand them to demonstrate high level of thinking
6. A presentation may be scheduled at a later date after the submission. Students will be notified in advance.

On the day of submission, students must submit all required deliverables via module portal. Additional instruction will be given at the LMS. Since this is a group work assignment, only one student from each group required to submit.

### Weightage

40%

### Due date

11<sup>th</sup> May 2022, 4PM

### Deliverables:

1. Website files and folders

### Facilitator

M Khalid Zaini  
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### Resource

- Students' own research
- Practical exercises
- Main textbook

### Equipment/Software

Students are required to use their own personal computer and other necessary software to carry out the task (if applicable)

## WEBSITE SPECIFICATION

### FEATURES

1. At least THREE different stories with minimum 3 (three) pages for each story including its cover pages with animation using CSS.
2. Upon loading the website, random story will be presented. User also has ability to choose a different story.
3. The use of HTML5 LocalStorage to store text content of the stories.
4. Two options of different languages. Upon language selection, the text content will change accordingly.
5. Read out loud using HTML5 Speech Synthesis with at least **two voices**. User must be able to save their preferred voices and can reset them as well.
6. There is option to **rate** each story. The cover page will show the average ratings of the stories given by all users.
7. 2 responsive breakpoints; **desktop** and **mobile** phone using media queries and grid layout or flexbox or combination.
8. Mobile view has limited features; cover page, navigation menu at the bottom for choosing stories to display, view/read stories and average ratings.
9. Visually impaired features and font resize only applicable to desktop. User must be able to save this feature so changes will be automatically applied upon re visiting the website.

### PENALTIES

Submission of corrupted file will be penalized 30% from overall marks.

## ASSIGNMENT RULES

1. Plagiarism, collusion, ghost writing are serious academic offences. Any group caught in academic dishonesty will be penalized heavily. **For severe cases, grade 'F' (Fail) will be awarded and ZERO mark will be recorded for the first attempt.**
2. If any of your group members have problems in completing the assignment due to illness or medical conditions, REPORT to the facilitator immediately. Last minute notification will not be entertained unless a medical report is presented which is issued and endorsed by government health centres.
3. In the event you are unable to complete the assignment or submit partially completed assignment, the following actions will be taken:
  - a. For **significantly incomplete** assignment or **non-submission**, you will be automatically awarded with grade 'F' (Fail) and **ZERO marks is recorded for your first attempt**. You will be asked to complete the assignment however as a **second attempt**. Marks will be capped at 50%.
  - b. For submission of **partially completed** assignment, marks will be awarded as per work submitted. Should marks fall below the passing grade, you will be referred to case 4a above.
4. Should you have problems with your assignment partner such as contributing minimally or not contributing at all, you are advised to gather all evidence and report to module lecturer **immediately**. The following actions will be taken:
  - a. **Non-contributing** or **insignificantly contributing** students will be penalized heavily if proven. **ZERO** mark will be recorded, and the offender will be asked to complete the assignment **individually** as a **second attempt**
  - b. For the case of **uneven** contribution, group is required to fill in and sign the Marks Distribution Sheet (MDS) to indicate workload for each member. Lecturer will examine and verify the MDS. Marks deduction will be imposed to the offender or they will be referred to case 4(a). Members who did the most work **may be given** additional marks subject to quality of work
  - c. Penalty in the form of marks deduction may also be levied to non or minimally contributing members if proven during presentation. In this case, the submitted MDS will be void.
5. It is everyone responsibility to check the Learning Management System (LMS) regularly for any new updates or announcement. Do not simply rely on your friends to get updates.
6. Rules may be updated from time to time. Any updates will be posted on the LMS.

## GRADING CRITERIA

The table below shows the guideline on how this assessment will be graded and how the marks will be allocated to each feature.

#	Feature	Marks	Guide to full marks
1	At least THREE different stories with minimum 3 pages for each story including its cover pages with animation using CSS	10	<ul style="list-style-type: none"> <li>• User-friendly</li> <li>• Highly engaging</li> <li>• Aesthetically pleasing</li> <li>• Functional and error free</li> <li>• Concept learnt applied correctly and expanded to demonstrate high level of thinking</li> <li>• Best programming practices that support easy maintenance &amp; modification in the future</li> <li>• Best academic integrity practices</li> </ul>
2	Upon loading the website, random story will be presented. User also has ability to choose different story.	5	
3	The use of HTML5 <i>LocalStorage</i> to store text content of the stories	15	
4	Two options of different languages. Upon language selection, the text content will change accordingly	10	
5	Read out loud using HTML5 Speech Synthesis with at least two voices. User must be able to save their preferred voices and can reset them as well.	15	
6	There is option to rate each story. The cover page will show the average ratings of the stories given by all users.	15	
7	2 responsive breakpoints; <b>desktop</b> and <b>mobile</b> phone using media queries and grid layout or flexbox or combination	5	
		5	
8	Mobile view has limited features; cover page, navigation menu at the bottom for choosing stories to display, view/read stories and average ratings.	10	
9	Visually impaired features and font resize only applicable to desktop. User must be able to save this feature so changes will be automatically applied upon re visiting the website	10	
TOTAL		100	



SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

**WD2201 – BASIC WEB PROGRAMMING**

**MARKS DISTRIBUTION SHEET**

<b>Group code</b>		<b>Group #</b>	
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This sheet is used to document an agreement between all project team members for an uneven contribution to the deliverables listed below.

<b>No</b>	<b>Members Name</b>	<b>Student ID</b>	<b>Signature</b>	<b>Date</b>
1				
2				
3				
4				

Deliverables, Functions and Features covered by this arrangement.

Student No as table above		1	2	3	4
Deliverables, Functions and Features		Contribution (%) (must add up to 100%)			

*The form is adapted from the Final Year Project MDS\**

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