MUST insert official assignment coversheet here

TMI2104 / TMS2824 / TMN2234 Web Based System Development
Front-end Development (15%)

Instruction

This is a group project between 3-4 students. Please divide task evenly among group members (recommend - pair programming), as individual contributions will be evaluated via peer grading, demo and QA.

Each group is required to,
1. Go through the **basic design elements and principles**
2. Using **same** option as your submitted Business plan, analyse based on principles in step 1 and report using template below.
3. Create project GUI based on recommendation in step 2.
4. Finally, create functioning project's front-end prototype using HTML, CSS and JavaScript.
5. Submit both analysis report and prototype.

UI analysis template

Table 1: Basic elements of Visual Design

No.	Element	Is this element being applied/violated? How?	Severity 0- no issue 1- minor issue 2- major issue (to fix)	Your recommendation to improve
1	Lines			
2	Shapes			
3	Color palette			
4	Texture			
5	Typography			
6	Form			

Table 2: Principles of Visual Design

No.	Principle	Is this principle being applied/violated? How?	Severity 3- no issue 4- minor issue 5- major issue (to fix)	Your recommendation to improve
1	Unity			
2	Gestalt (https://www.interaction-design.org/literature/topics/gestalt-principles)			
3	Space			
4	Hierarchy			
5	Balance			
6	Contrast			
7	Scale			
8	Dominance			
9	Similarity			

Group submission to eLeap by 5pm, 13 May 2022:

1. Name the zip /compress file as **"<course code>-<your group name>-project1.zip**" which **MUST**

   include the following

   a.   Word /PDF of analysis report (include official assignment coversheet)
   b.   Front-end prototype files (HTML pages, CSS, JavaScript, images /audios /videos and etc)

   ** Any late submissions will be penalised accordingly (minus 1 mark per day) **

~ Have fun ~

Source: https://coderstrust.tumblr.com/post/116455270040/top-20-coding-quotes

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Criteria	Weightage	No evidence /0 mark	Weak/1 mark	Fair/2 marks	Good/3 marks
Quality of recommendation* (CLO2)	2	Do not indicate any design elements / principles.	Minimally indicate design elements / principles (≤33%), neither actionable nor realistic.	Clearly indicate design elements/principles (50%), actionable and realistic.	Exceptionally good, actionable, and realistic design elements / principles.
Front-end prototype completeness (CLO2)	1	No submission	Incomplete as recommended (<50%).	Incomplete as recommended (50% – 80%).	Completely as recommended (100%).
GUI Design & Creativity (CLO2)	1	Inconsistent layout/design; no incorporate visual design elements and principles; included copyrighted images; appearance same as original / no improvement.	Single column / split screen / grid / boxes layout. Dull design - incorporated minimal visual design elements and principles; minimal used of libraries or APIs; appearance somewhat different from original / minor improvement.	Single column / split screen / grid / boxes layout. Well done design - incorporated most visual design elements and principles; used multiple libraries or APIs; used a good variety of appropriate images; appearance very different from original / major improvement.	Single column / split screen / grid / boxes layout. Creative with originality design - incorporated all visual design elements and principles; used multiple libraries or APIs; great variety of appropriate images; appearance very different from original / new design.
Interactivity and Navigation (CLO2)	1	Non-existent OR links not working at all OR no JavaScript	Minimal interactivity (eg. buttons clicking, content changing) / minimal access or changing HTML or CSS via HTML DOM; used multiple libraries or APIs. Inconsistent / illogical links or missing / broken links.	Adequate interactivity (eg. buttons clicking, content changing, pop-up, form validation) / adequate access or changing HTML or CSS via HTML DOM; used multiple libraries or APIs. Easily navigate back and forth through pages with consistent / logical and easy to find links.	Exceptionally good interactivity (eg. buttons clicking, content changing, pop-up, form validation animation) / make the best use of HTML DOM; ; used multiple libraries or APIs. Easily navigate back and forth through pages with consistent / logical and easy to find links.

*mark x 2