BSc in Creative Computing

Advanced Web Design & Development
Assignment Brief
Project Duration:30.09.20 – 10.01.21

DL836

Module
Advanced Web Design & Development

Project commences
Wed 30th September 2020

Submission
Design:
Sunday 15th November 2020
(Midnight)

Development
Sunday 10th January 2021

Lecturer
Stefan Paz Berrios
John Dempsey

Resources

Bootstrap Framework Downloads and
content:
https://getbootstrap.com

Royaly Free imagery:
https://unsplash.com

Icons:
https://fontawesome.com/
https://thenounproject.com/

Fonts
https://fonts.google.com/

Design Languages:
https://design-languages.com/
https://uxplanet.org/design-language-system-d438f4aa30e0

Mobile First
https://www.lukew.com/ff/entry.asp?933

Project Context, Background and Aim
You are required to design & develop a website for a company that organises music festivals**.** The company want to advertise their upcoming festivals on the website. They will need a way for employees to create/edit/delete information about upcoming festivals. The website must be designed as a responsive website based on the Bootstrap framework. The website should be responsive to two breakpoints (sm & md). Please see that sample wireframes for an indication of the required features.

1. DESIGN BRIEF & DELIVERABLES
You are required to submit design deliverables for **3** phases of the design project:
- **Phase 1:** Research & Create / apply design system - (Mood boards, design systems research) (links to github pages, invision + figma)
- **Phase 2:** Design System – (Establishment of design system including font, spacing, colours in Figma.
- **Phase 3:** Design & Code – (your 2-page responsive website submitted and hosted on github pages.) Home page and UI kit page with an example of Form elements and a Table; this should also include any other UI components that your website uses.
- **SUBMIT:** Submit all of your completed work to Github Pages.
  A text file named links.txt with any instructions/ comments and links to github pages site, Figma, Invision Moodboard.)

2. DEVELOPMENT DELIVERABLES
You are required to submit the following development deliverables:
- Source code: HTML/CSS/JS and PHP source code for the completed website (submitted through GitHub classroom repository); you are required to commit your code to this repository regularly to demonstrate the development process you have followed.
- Project report: a PDF document outlining the development of the website.

Key considerations include:
- When choosing a problem to tackle, you need to select one that is sufficiently complex to require enough (re)design, but not so complex as to be beyond the scope of the project and feasibility of the time allowed. Discuss with your lecturer to approve your idea before you begin.

Recommended Reading

http://www.htmlandcssbook.com/
http://atomicdesign.bradfrost.com/table-of-contents/
https://getbootstrap.com/docs/4.1/getting-started/introduction/

Feedback

Over the course of the project, you will:

– Receive tutorial guidance and direction during class on your work in progress;
– Participate in interim online discussions and group feedback;
– Receive individual verbal feedback during class; and
– Receive your assessment results within four weeks of submission.

Problems you may have

If you feel your progression is being affected due to matters beyond your control, it is your responsibility to discuss this with your tutor or another representative of the Institution. They will advise you on how to proceed.

Submission

Design deliverables: Sunday 15th November 2020
Development deliverables: Sunday 10th January 2021

Late submissions

If you cannot submit an assignment before the specified deadline, please inform the programme chair and relevant lecturer(s) that you will be submitting an assignment late before the deadline has passed. You should also indicate the date when you will be able to submit the assignment.

If you miss a deadline for an assignment for any reason, you must complete a Late Submissions Application Form, which is available below. This form, along with the completed assignment, should be submitted to the programme chair at the earliest possible date.

Assessment Rubric

Learning Outcome	Indicative/Minimum Deliverables
Explain the principles of web design and development, and apply those principles in designing and developing websites.	Responsive web site developed following a research, design, implementation process. Documentation of research (Mood boards and Sketched layouts). Iterative design and code presentations (Github). Project report must discuss the (software) design and implementation of the HTML/CSS/JS and PHP code in your website.
Implement web designs using current web design and development tools and techniques, including CSS and JavaScript frameworks.	Responsive web site designed using Figma and developed using HTML / CSS through the Bootstrap Framework. Project report discussing the design, development and testing tools used during the creation of your website.
Implement the front-end and back-end of a website using appropriate programming/scripting languages and frameworks.	Front end implemented and responsive across two break points using Bootstrap and hosted on Github Pages. Completed website (front and back end) source code in GitHub classroom repository Project report must discuss the development and testing of the HTML/CSS/JS and PHP code in your website
Test and evaluate websites in relation to their design and development.	Web site is tested in Google chrome and in mobile browser during class. Evaluate in the form of self-assessment sheets attached. Project report must discuss the testing and debugging of the HTML/CSS/JS and PHP code in your website.

Marking Sheet

Student		Date:	
Assessor		**Type:**	☐ Formative	☑ Summative
		Grade (if summative)	

Learning outcome	Excellent/ very good	Good	Average	Below average	Weak
Explain the principles of web design and development, and apply those principles in designing and developing websites.					
Implement web designs using current web design and development tools and techniques, including CSS and JavaScript frameworks.					
Implement the front-end and back-end of a website using appropriate programming/scripting languages and frameworks.					
Test and evaluate websites in relation to their design and development.					

Strengths

Areas for development

Other comments

Grading Scheme

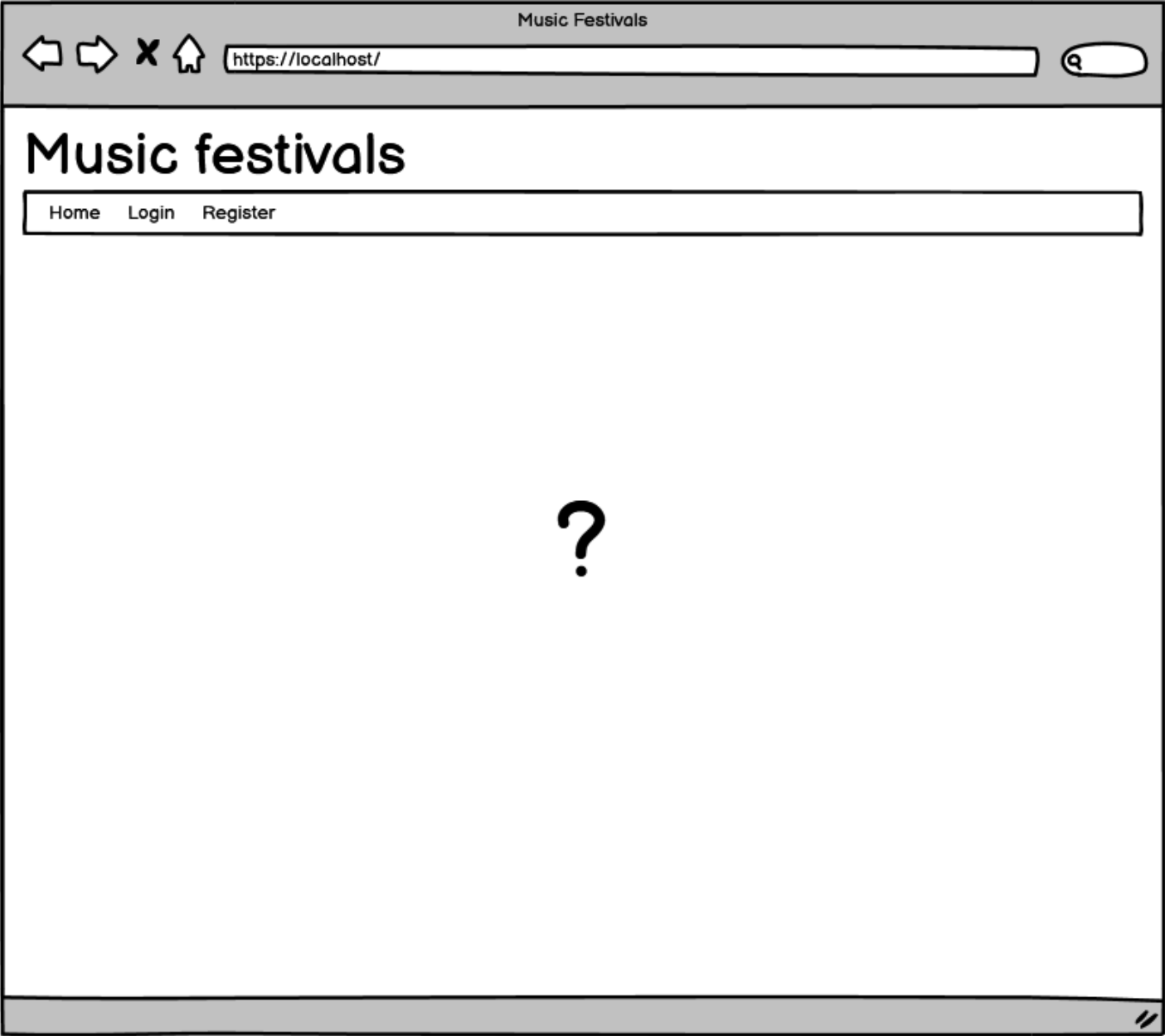| Grade	Percentage Band	Indicative Quality of Performance
A	80-100	Excellent Shows extensive and detailed knowledge of an area with a superior ability to organise, analyse and integrate ideas.
B+	70-79	Very Good Shows good detailed knowledge of an area with a more than adequate ability to organise and examine the material in a critical and constructive manner. Not as good as an A in some areas, e.g., has good ideas but not well-organised ones
B	60-69	Good Shows detailed knowledge but also contains some omissions. Adequate ability to examine the material in a critical and constructive manner
B-	55-59	Above Acceptable Shows detailed knowledge but also contains some omissions. Higher marks the fewer and more minor the omissions and lower marks for the more frequent and major ones. Answers should not contain major misconceptions and should be reasonably well structured.
C+	50-54	Fair Shows less detailed knowledge and not as well presented as the higher marks. Higher marks the fewer and more minor the omissions and lower marks for the more frequent and major ones, similarly misconceptions.
C	40-49	Pass Patchy knowledge, poorly presented but showing some grasp of the area. Not as good as a C+ in most areas, with more frequent and major omissions and misconceptions.
D	35-39	Poor Minimally acceptable. Little knowledge of the area with major misconceptions, incomplete answers and/or poorly presented. However, shows some basic awareness of the area.
F	<35	Fail Inadequate. Mentions only one or two aspects of the area, major misconceptions and/or unacceptable presentation.

Late Submission Application Form

This form should be completed in full, and submitted to the Programme Chair at the earliest opportunity.

Late submissions will not be granted automatically. An appropriate rationale must be provided.

Please attach photocopies of any supporting documentation (e.g. medical certificates). Originals of these documents should be submitted to the Faculty Office.

Student Name:	
Student Number:	
Programme:	
Year of Programme:	
Module Name:	
Assignment:	
Assignment Deadline:	
Date Submitted:	
Reason for Missed Deadline (use additional pages if required):	

Music festivals

Home   Login   Register

?

https://localhost/

Music festivals

Home	Logout

	Title	Location	Start date	End date
○	Creamfields	Daresbury UK	26th August 2021	29th August 2021
○	Primavera Sound	Barcelona Spain	2nd June 2021	6th June 2021
○	Isle of Wight	Isle of Wight UK	17th June 2021	20th June 2021
○	Ultra Europe	Split Croatia	9th July 2021	11th July 2021
○	Sziget Festival	Budapest Hungary	12th August 2021	15th August 2021
○	Tomorrowland	Boom Belgium	16th July 2021	18th July 2021

With selected: | Edit | View | Delete |

Add

https://localhost/

Music festivals

Home	Logout	

Add new festival

Title

Description

Location

Start date

End date

Contact email

Contact phone

Cover image   Browse

Add