BCTCUN BACHELOR OF SCIENCE WITH HONOURS IN

COMPUTING 3+0 IN COLLABORATION WITH

COVENTRY UNIVERSITY, UK

WEB DEVELOPMENT

(Coursework 1)

Someshwar Rao - P21013044

SUBJECT: 5007CEM (Web Development)

YEAR: APR 2024

LECTURER'S NAME: MS. VIMALA DORAISAMY

Coursework cover sheet

Section A - To be completed by the student

Full Name: Someshwar Rao A/L Vontaru Nageswara Rao	
CU Student ID Number: 15096810	
Semester: April 2024	
Lecturer: Ms. Vimala Doraisamy	
Module Code and Title: 5007CEM Web Development	
Assignment No. / Title: Coursework 1	25% of Module Mark
Hand out date: 1st April 2024	Due date: 8th July 2024
Penalties: No late work will be accepted. If you are unable to submit coursework on time due to extenuating circumstances you may be eligible for an extension. Please consult the lecturer.	

Declaration: I/we the undersigned confirm that I/we have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and procedures. I/we confirm that this piece of work is my/our own. I/we consent to appropriate storage of our work for plagiarism checking.

Signature(s): *Somesh*

Section B - To be completed by the module leader

Intended learning outcomes assessed by this work:

LO 3   Understand and deploy technologies used to produce a range of standards based websites, incorporating multimedia content.

LO 5   Design and build a data-driven dynamic website which utilises both server-side and client-side scripting language technologies, showing ability to select and evaluate appropriately.

Marking scheme	Max	Mark
1. API Demonstration	10	
2. Functionality	10	
3. UI Design	5	
Total	25	

Lecturer's Feedback

Internal Moderator's Feedback

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1.0 Justification For Extended Video Duration

I would like to provide a detailed justification for the extended duration of my screencast videos. The primary reasons for this extension are as follows:

1. **Multi-Page Application (MPA) vs. Single Page Application (SPA):** Although the requirement specified building a Single Page Application (SPA), I chose to develop a Multi-Page Application (MPA) to enhance the web app's overall functionality. An MPA offers more flexibility in managing complex user interactions and page transitions, which I believe significantly improves the overall user experience. Demonstrating the MPA's flow and navigation naturally requires more time compared to an SPA.

2. **Comprehensive Feature Set:** My project includes a comprehensive set of features that I wanted to showcase thoroughly. This includes both the initially proposed features and several additional features that I incorporated to improve the website's quality and user experience. Covering all these features in detail is crucial to providing a clear and complete understanding of the project's capabilities. The features demonstrated include:

Initially Proposed Features:

- Events Page that displays events
- Filtering Options to search for events based on event types and event names
- Event Details Page
- Register & Login Page with Google OAuth Authentication
- Stripe Payment Page
- Profile Page
- Ticket Details Page
- Publish Event Page
- Share Link Feature
- Order/Participant Details Page

Added Features:

- Landing Page
- OTP Verification Page
- Manage Account Details Page
- Update Event Details Page
- Buy More Than One Ticket Feature

3. **Quality and Clarity of Explanation:** I prioritized providing a clear and thorough explanation of each feature to ensure that viewers, including markers and lecturers, can fully understand the functionality and implementation details. A rushed or incomplete demonstration could lead to confusion and misinterpretation of the project's scope and quality. Therefore, the additional time taken is to ensure a high-quality presentation that accurately reflects the work done.

By extending the video duration, I aimed to present a well-rounded and detailed demonstration of my Event Ticket Buying Website, highlighting the thought process, implementation details, and overall user experience improvements. I hope this justification provides a clear understanding of the reasons behind the extended video length.

2.0 GitHub & Youtube Videos Links

GitHub	Repository: https://github.com/CodeWithSomesh/Event-Hub
YouTube	Functionality and UI Design Demo Video: https://youtu.be/aB5LnLpld04 API Demo Video: https://www.youtube.com/@SomeshwarRaoALVontaruNageswara