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Subject Code:	WAD621S
Subject:	Web Application Development

WAD621S Individual Assignment

Preamble

NUST is flourishing in scientific research and innovative solutions in a world that is fast-changing. In line with this endeavor, you are assigned into the technical committee organising an upcoming International Conference on Technologies for Humanity. As such, you thought of developing a website to smoothen the background processes. Detailed requirements of the website are described in the Assignment Details section.

Assignment Details

The website should give general information about the conference. Such information include, but not limited to:

- Conference Objective: to discuss practical and innovative technological solutions to everyday challenges that human face.
- Call for papers and posters: deadlines, author guidelines, topics, etc.
- Other details: conference venue, technical committee details, invited speakers, etc.

To have an idea, visit <https://digitalreality.ieee.org/conferences> and see some websites of upcoming conferences. On your website, users should be able to register themselves. Mandatory fields are *title*, *firstName*, *surname*, *email*, and *affiliateOrganisation*. In addition to this, below are descriptions of the operations that are carried out by the two categories of users:

- Researcher: Upload papers, see reviews of his/her papers from other researchers, anonymously review papers by other researchers by rating on a five star and giving feedback comments, etc.
- Conference Chair: See all reviews and make a final decision of accepting, rejecting, or recommending changes to submitted papers. Also posting conference news and related information, etc.



Assessment Rubric

Below is the detailed description of the assessment components. Kindly see Table 1 for the grading.

- Information Architecture: The ease at which the website is navigated. Users should find information without much hassle.
- User Operations: The Conference Chair and Researcher operation as explained in the Assignment Details section.
- Solution Soundness: Use of correct semantic tags, appropriate JS constructs, e.g., use of functions and APIs where necessary, separating HTML, CSS, and JS, solution appealing, etc.
- Comments: Appropriate comments, not too many, and not too few.
- Presentation: Confidence, ability to answer questions, and even demonstrate an understanding of the code (this may include modifying the code as required by the assessor.)

NB: Failure to present is a zero grade for the whole assignment!

Table 1: Assessment Rubric

Criteria / Component	Poor (13)	Below Average (33)	Average (52)	Good (77)	Excellent (100)
Information Architecture	(3)	(8)	(13)	(19)	(25)
User Operations	(5)	(12)	(18)	(26)	(35)
Solution Soundness	(2)	(5)	(8)	(12)	(15)
Developer Comments	(1)	(3)	(5)	(8)	(10)
Solution Presentation	(2)	(5)	(8)	(12)	(15)

NB: Excellent means all components were met satisfactorily. The scale goes down to Poor.

This paper consists of 2 pages (including the front page).