Universal Design Assignment No 1 Sem 2 2024

Worth 40% of Overall Continuous Assessment Mark

Hand up Monday 4th Mar 2024 11:59 PM

Submission Procedure for documentation

1: Submit Via designated link in Brightspace on or before Monday 4th Mar 2024 11:59 PM

2: Submit electronic copies to and to john.gilligan@tudublin.ie

3: Electronic Filename should be UDATSEM2202324a*Yourname.doc e.g.*

UDATSEM2202324a*JohnGilligan.doc*

Include your student no on the document

Note above electronic files should be in MS-Word Document format or PDF

 Note all documentation to be suitably referenced.

Assignment- Either Universally Design one of the following apps:

1: A Ticketing App to book tickets for events

2: An Online Shopping App

3: A Banking App

Documentation required

1: Audit an existing App for Universal Design conformance

Find an existing App which offers a similar service to your chosen App. Review that App in terms of how well it conforms to the principles of Universal Design. Present your findings in a 2 page overview of the 7 principles of UD and how well the App meets each.

(10 Marks)

2: Present an enhanced UD design of your chosen App,

Leading on from the review of part 1 consider what design features you would include to make it conform to the principles of UD. Describe these in a 2/3 page overview of your proposed App. Include some possible wireframes of what the App might look like

(15 Marks)

3 : Justify your Design Choices

Two/ page submission on why you think your design choices meet the Seven principles of Universal Design

Note 1,2 and 3 to be in the same electronic file.

(15 Marks)

Resources

Principles

https://www.ncsu.edu/ncsu/design/cud/pubs_p/docs/poster.pdf

Centre for Excellence in Universal Design

http://universaldesign.ie/

http://universaldesign.ie/Products-Services/Customer-Engagement-in-Tourism-Services/

Design Challenges

http://universaldesign.ie/Awards/Previous-Universal-Design-Challenges/

Helen Hamlyn Design Challenges

http://www.hhc.rca.ac.uk/209/all/1/dba-challenge.aspx

An Online Shopping App

https://www.similarweb.com/apps/top/google/store-rank/ie/shopping/top-free/

https://accessit.ie/a-list-of-great-apps-for-elderly-and-vulnerable-people/

https://www.rosieapp.com/leading-the-way-for-accessible-online-grocery/

https://www.barrierbreak.com/why-online-retail-should-focus-on-digital-accessibility/

Universally Designed Ticketing Apps

https://oda.oslomet.no/oda-xmlui/handle/11250/2756568

https://access.intix.org/Full-Article/ticketing-accessibility-come-one-come-all

https://www.applevis.com/forum/ios-ipados/looking-accessible-app-regarding-airline-tickets

https://www.kennedy-center.org/globalassets/education/networks-conferences--research/research--resources/lead-resources/tipsheet_accessibleonlineticketingprinciples.pdf

Universally Designed banking

https://www.texthelp.com/resources/inclusive-digital-banking/

https://www.youtube.com/watch?v=Drwo7oB4D_M

https://www.ausbanking.org.au/priorities/accessibility/

https://www.scb.co.th/en/personal-banking/stories/home-car/universal-design.html