Universal Design Assignment No 1 Sem 2 2023

Worth 40% of Overall Continuous Assessment Mark

Hand up Monday 6th Mar 2023 11:59 PM

Submission Procedure for documentation

1: Submit Via designated link in Brightspace on or before Monday 6th Mar 2023 11:59 PM

2: Submit electronic copies to and to [john.gilligan@tudublin.ie](mailto:john.gilligan@tudublin.ie)

3: Electronic Filename should be UDATSEM2202223a*Yourname.doc e.g.*

UDATSEM22022123a*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 Tourism App to assist people as they go around Dublin or some other city on a City Break

2: An Online Shopping App

3: An App to help new students find their way round the TUDublin Campus at Grangegorman

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.

(10 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/>

Check out these projects- especially Grafton Street service award

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/>

Campus Finding Apps

<https://www.tudublin.ie/explore/our-campuses/campus-maps/>

<https://play.google.com/store/apps/details?id=se.chalmers.maps.android&hl=en_IE&gl=US>

<http://www.schmidtyapps.com/>

<https://www.mappedin.com/blog/use-cases/campuses/implementing-a-successful-campus-navigation-app/>

<https://www.tcd.ie/itservices/students/finding-your-way/>

Tourism Apps

<https://uk.pcmag.com/travel-how-to/140987/the-best-travel-apps-for-2022>

<https://www.fluentu.com/blog/travel/best-tourism-apps/>

<https://www.holidayextras.com/best-travel-apps.html>

<https://www.businessinsider.com/best-mobile-apps-for-travelers-2012-6?r=US&IR=T>