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| University College Cork |
| Design Document |
| IS6131 – Programming for Web Applications and Services 1 |

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**INTRODUCTION**

This design document aims at the choice of design and the reasons and justification of the website created for Dell.

**Choice and Description of Design**

#### The colour and orientation of the screen and text are a reflection from Dell’s choice and an eco-friendly nature. Blue is a foundational colour that is tied to the brand’s personalities [brand.delltechnologies.com](https://brand.delltechnologies.com/color/). Green is the eco-friendliness colour and it is adapted by Dell for all their green initiatives.

#### The article “Leading from the front” is an extract from Dell’s e-waste management and Corporate Social Responsibility page. The 3 columns in index is taken into external Dell site itself which has the eco-system for Dell’s Trade In, Return and Donation policy providing a solution that is and specific.

Blog has embedded YouTube videos of Dell’s ambition to extract gold from e-waste, a YouTube icon that is linked with the Dell’s YouTube channel and a video from Global Citizen on problems occurred by e-waste dumping and generation.

The embedded tweets from Dell Technologies are from Dell CSR (Dell4Impact) and E-waste clean-up handle. This is because the it is not just a corporate responsibly but also, responsibility lies with individual e-waste generators, us.

The on-scroll event and navigation between the sections of the page is an inspiration about data traffic and wastage. However, in-future, a single page responsive site (example: **ReactJS** or angularJS sites) can be the solution to it with reactive elements that are available in a single home page and could be the solution for absolute responsiveness. The Like button is an example of ReactJS where the element reacts inside the html page itself.

The e-calculator is the page where e-waste equivalence and carbon emissions that can be reduced by each electronic device as per the calculation from **ecosible.com** is done. This is done to create a numerical awareness of the e-waste consumption and how much it affects the environment.

The contact form is a simple form, that is made up of HTML form. The important feature of it is the feature that returns a window alert instead of a static new landing page.

**Conclusion**

This design document illustrates the usage of Html design, CSS layouts and JavaScript functionalities that I have incorporated to produce a website that has creates an awareness and an eco-system to recycle products.