**SINGAPORE POLYTECHNIC**

**SCHOOL OF COMPUTING**

**COMMON INFOCOMM TECHNOLOGY PROGRAMME (Year One) DIPLOMA IN APPLIED AI AND ANALYTICS (Year One) DIPLOMA IN CYBERSECURITY AND DIGITAL FORENSICS (Year One)**

**DIPLOMA IN INFORMATION TECHNOLOGY (Year One)**

**ST0501 Front-End Web Development AY2425S1**

**CA1 Website Requirements Template**

1. **Home Page**
   1. Ideation (You can list down a few ideas below)

-header to introduce the goal and navigation bar

-the hero section

-add about the focuses and values of the goals

-list down real-world examples

* 1. Contents (Include contents that you will be using in your home page)

The UN SDG goal 12 focues on:

-Making more use of the sustainability in production industry

-the responsible reduction of food waste, chemical waste

-raising awareness on the sustainable practices

The values of this goal:  
This goal aims to move towards sustainable economic growth, while reducing the negative damages of production and consumption on the environment. It includes promoting resource efficiency as well.

Why?

While populations are continuing to grow, the planet will not have sufficient resources to support people current lifestyles. The environmental degradation endangers the sustainable system on which our future development and very survival depend.

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Real-World Examples

1. IKEA

KEA has committed to becoming a fully circular and climate-positive business by 2030. This includes:

-Designing all products with new circular principles

-Using only renewable and recycled materials

-Implementing programs to encourage customers to repair, reuse, and recycle products

1. Cornstarch cutleries

Cornstarch Cutleries: using new manufacturing methods that are carbon-neutral and keep waste out of the landfill, cornstarch is compressed into durable cutlery

-Reducing the amount of plastic waste that your restaurant generates

-Keeping long-lasting plastic out of landfills

-Preventing chemicals from leaching into the ground

1. Loop: the zero-waste shopping platform

Meet Loop: Eliminating the Idea of Waste® Its purpose is to revolutionize the way products are packaged, sold, and reused where packaging is continuously reused rather than disposed of. Here are the key purposes and impacts of Loop:

-Reducing Single-Use Packaging

-Encouraging Manufacturer Responsibility

-Promoting Sustainability

* 1. Include a rough sketch of how your home page?

A paper with different shapes and lines

Description automatically generated with medium confidence

1. **Personal Aspiration Page** 
   1. Ideation (You can list down a few ideas below)

-list some goals expected to achieve

-how it’s going to make an impact in some years

* 1. Contents (Include contents that you will be using in your home page)

1. Becoming a Circular Business

-By 2030, It is expected to enable people to pass on products in circular ways. In order to achieve this, every consumers will be required to design every product to use renewable and recycable materials from the beginning to be reused, refurbished, remanufactured and finally recycled. The business partnerships are to promote a circular economy as well.

2. Changing the game of delivery orders

-Cornstarch cutleries will replace the plastic cutleries for delivery orders, reducing the amount of plastic waste. This fully-biodegradable feature acts as a great option for people who are fully aware of the matter of reducing the carbon footprint to contribute as well. I hope the eco-friendly supplies can be more and more widely used as soon as possible.

3. Reducing Food Waste

-By 2030, it is expected to halve per capita global food waste along production and

supply chains, including food losses after harvest on farm.

* 1. Include a rough sketch of how your home page?

A white sheet of paper with black lines

Description automatically generated

1. **Self-Introduction Page**
   1. Ideation (You can list down a few ideas below)

-introduction card

-3 grids

-my values

-my interests

-my personality

* 1. Contents (Include contents that you will be using in your home page)

-I love to enjoy life with family and friends. Life has lots of ups and downs, but that makes life more interesting.

-I have a few interesting hobbies: crocheting, letter writing, and gardening. I mostly tend to be able to learn new things, so there are other interesting things I enjoy too except from a few I had listed.

-My MBTI is ISFJ-T. Apparently, people with this personality type is with the Introverted, Observant, Feeling, and Judging traits.

* 1. Include a rough sketch of how your home page?

A black and white drawing of several papers

Description automatically generated

Graphics Effect:

Create a figure box and figure caption

Add a background image

Create text or box shadow

Create linear or radial gradient

Add a border to an element