

**UNIVERSITY OF
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**INFORMATICS
INSTITUTE OF
TECHNOLOGY**

6COSC023W–Final Project Report

Conseils - Importance of identifying your personality type for choosing a better degree programme that suits you.

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This report is submitted in partial fulfillment of the requirements for the

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Document Scope: “The purpose of this document is to describe and reflect on the processes that took place for developing the Final Year Project, discuss any ethical issues associated with it, describe the methodology that was adopted to develop the project, its design, implementation and testing”)

All chapter word counts in this document are approximate and are not intended to be prescriptive.

Declaration

This report has been prepared based on my own work. Where other published and unpublished source materials have been used, these have been acknowledged in references.

Page Count: **59** (Introduction to end of conclusion section)

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Abstract

In Sri Lanka, the students follow the British curriculum or the Local curriculum planning to do their first degree after leaving school. Based on their results, few students get undergraduate qualifications. Some may not be eligible to enter a state university, or may not want to go to such a university. Therefore, they have to choose a private university in Sri Lanka. Most students find it challenging to find a degree that they enjoy and matches with other expectations such as the salary level of the jobs and reputation of the job. They rarely focus on their personality type, which can clearly understand someone's strengths and weaknesses, how someone interacts with others and likes and dislikes. Finding the personality type can help them find the most suitable degree program.

The project “Conseils” aims to design, develop and evaluate a website for the students to help them analyse their personality type to find a better degree and, ultimately, a career path.

A pilot study was conducted to identify the problem in-depth. Additionally, a stratified random sampling was used as a probabilistic sampling technique containing a random sample of 10 students and a Consultant family physician and psychological counsellor. With the help of the information gathered from the interviews and questionnaire, a literature review was done.

The method used to identify the personality type is Myers–Briggs Type Indicator. A personality type is a psychological classification used to identify individuals' differences. According to MBTI, there are 16 different personality types. It is based on four main variables; Extraversion – Introversion, Sensing – Intuition, Thinking – Feeling, Judging – Perceiving. Everyone's personality type is one of them. By answering some questions, students can figure out their type, which they can use to know more about themselves.

After thorough research on the development, a mathematical approach was used to analyse the user input data in the quiz used to find the personality type. The mathematical approach used averages generated from a dataset with a 29000+ data sample. For the development of the website, Node modules were used. For the designing part, colour psychology and UX-UI principles were used to give the user a user-friendly and attractive experience.

“Conseils” can support students who are willing to continue their higher studies in a field they enjoy by identifying the suitable degree programme for them, taking their personality type into consideration. MBTI is the basis for finding the personality type each person belongs to. Since the website offers career and study guidance resources for free, they can easily plan their career path. Also, if someone is 18 years old or above, they can apply to contribute to Conseils as a volunteer. Conseils team will go through his/her CV and decide whether he/she is given the chance or not. Using this solution, students will be able to identify their potential well and choose a degree programme that matches their personality type.

Keywords - Degree, MBTI, Personality type, Psychological classification, University, Website

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