

TechnolOZY Iteration 1 Report

InterScool Version 2

September 5, 2020



Monisha Mohan Kumar

Junru (Jackie) Liu

Yanshi Liu

Shyam Narayan Sreekumar

# **Introduction**

ELICOS refers to English Language Intensive Courses for Overseas Students. These are a set of courses that are designed for the students who come from overseas in order to study the English language. There are a variety of reasons for enrolling in such courses, such as purely to improve their English literacy skills, as a pre-learning before enrolling in Universities, or to even look for jobs. The students who undertake ELICOS courses are generally offered Student Visas by the Department of Home Affairs. InterScool is a website that intends to assist the ELICOS students in Australia with English language. This report an analysis on the first iteration of the website. During interaction 1, team TechnolOZY intends to provide data visualizations in an interactive way to satisfy our target audience. The specific plan will be explained in detail in the following sections. The contents include the description of deliverables and artifacts that support the design.

# **Project Overview**

## Problem Statement

Students who come to Australia to undertake ELICOS courses intend to improve or develop their English skills in order to continue their stay in Australia or for many other various reasons. They may face difficulties as they come from different cultural backgrounds and may not have resources beyond what is available at their institutions.

## Target Audience

Current ELICOS students who intend to complete higher education studies in Australia.

# **Current Iteration**

The current iteration that is being built provides additional functionality to the previous iteration, where the onus was on providing the user with information regarding the current enrolments in various education sectors in Australia and also the English Proficiency of different nationalities in Australia.

In the second iteration, the major functionalities include:

* A component that provides information regarding the list of universities in each state.

Aimed at the users who are currently about to graduate from their course, they would be able to access a drop-down from where they can select the STATE they are interested in and this would lead them to information of the various universities in that state, their address, link to their website and also a live map where they can see the location of that particular university.

* A test component to identify the current English language proficiency of the user.

This test will have 10 questions with a weightage of marks and depending on the final score, the user will be put into either of the 3 categories, namely Beginner, Intermediate and Expert.

* A game component based on their English level proficiency

Based on their current level of English proficiency determined by the test component, or their own choice, the user can be taken through a journey whereby they are able to improve their English literacy. For those who are at the beginner level, this would be related to their day-to-day activities such as shopping, visiting a healthcare centre etc. and for the intermediate level, the focus would be on such aspects of the Australian culture such as slangs, geography and cuisine.

## Persona

Mahara Page Persona sections

<https://mahara.infotech.monash.edu.au/mahara/view/view.php?id=49413>

## Epics & User Stories

KanBan – LeanKit link: <https://monashie.leankit.com/board/1210727014>

## Open Data Detail

Maraha Page Open Data Details and Data Plan sections: <https://mahara.infotech.monash.edu.au/mahara/view/view.php?id=49413>

## Risks

Maraha Page Risks and Mitigation Strategy section:

<https://mahara.infotech.monash.edu.au/mahara/view/view.php?id=49413>

## Security Aspects

Mahara Page Security Aspects/Issues section:

<https://mahara.infotech.monash.edu.au/mahara/view/view.php?id=49413>

## Other Analysis and Design Artifacts

Mahara Page Entity Relationship Diagram:

<https://mahara.infotech.monash.edu.au/mahara/view/view.php?id=49413>