

**TUS**

Technological University of the Shannon:  
Midlands Midwest  
Ollscoil Teicneolaíochta na Sionainne:  
Lár Tíre Iarthar Láir

<b>Subject:</b>	Health & Safety IT
<b>Course:</b>	BSc in Construction Health & Safety
<b>Session:</b>	Autumn 2021
<b>Lecturer:</b>	Paul Vesey BEng, MIE, HDip
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## Assignment 3 (33%) - Health & Safety PowerApp

<b>Issue Date:</b>	27 <sup>th</sup> November 2021
<b>Submission Date:</b>	15 <sup>th</sup> December 2021

### Assignment Outline

In this assignment you are going to create a Microsoft PowerApp to capture some text data and save it to an Excel Spreadsheet on your OneDrive account.

### Layout & Functionality

The images shown in Figures 1, 2 and 3 are to be implemented in Microsoft PowerApps. The app is to be connected to an Excel spreadsheet located on your OneDrive. The following details some aspects of the interface:

- Main Colour: R:163 G:148 B:97
- Icon Size 70 x 70 px
- Header Text: Open Sans, 32px, SemiBold
- Welcome Text: Open Sans, 48, Bold
- Year Text: Open Sans, 30, Normal

The asset pack for this assignment includes the TUS logo for inclusion on the app.

### Testing

You should ensure that your app is fully functional before submission.

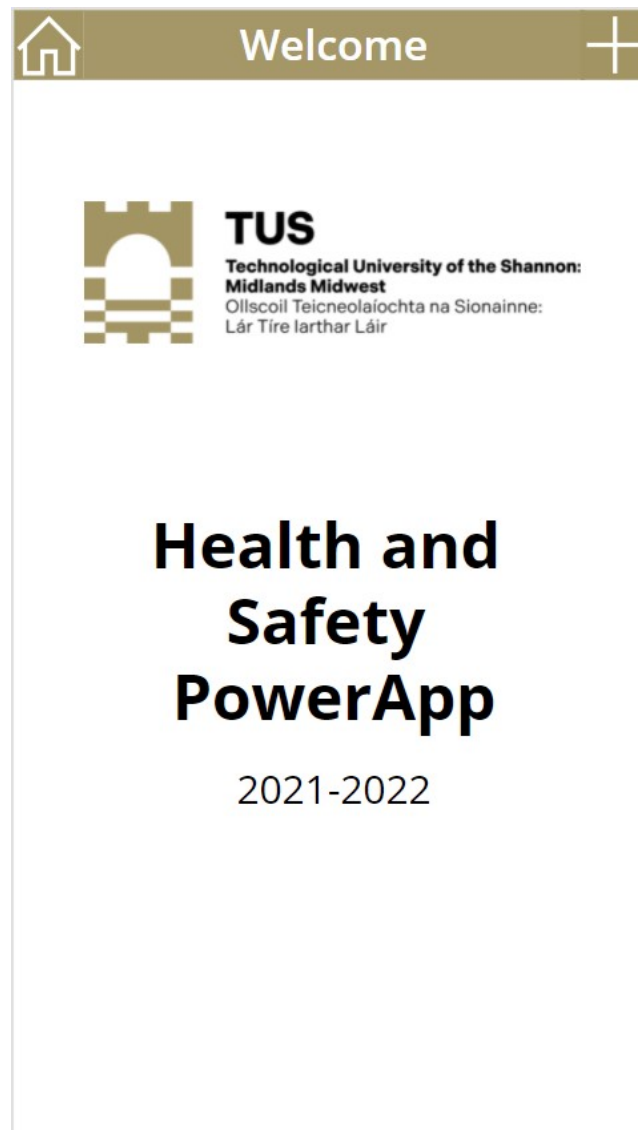


Figure 1: Welcome Screen

The image shows a mobile application interface for data entry. At the top, there is a dark olive-green header bar. On the left side of the header is a white house icon, and on the right side is a white checkmark icon. In the center of the header, the text "Data Entry" is written in white. Below the header, the main content area is white and contains four input fields, each with a label above it: "Firstname", "Surname", "Address", and "Date of Birth". Each label is in a dark grey font, and each input field is a simple white rectangle with a thin dark border. The fields are stacked vertically with some spacing between them.

Firstname

Surname

Address

Date of Birth

Figure 2: Input Screen

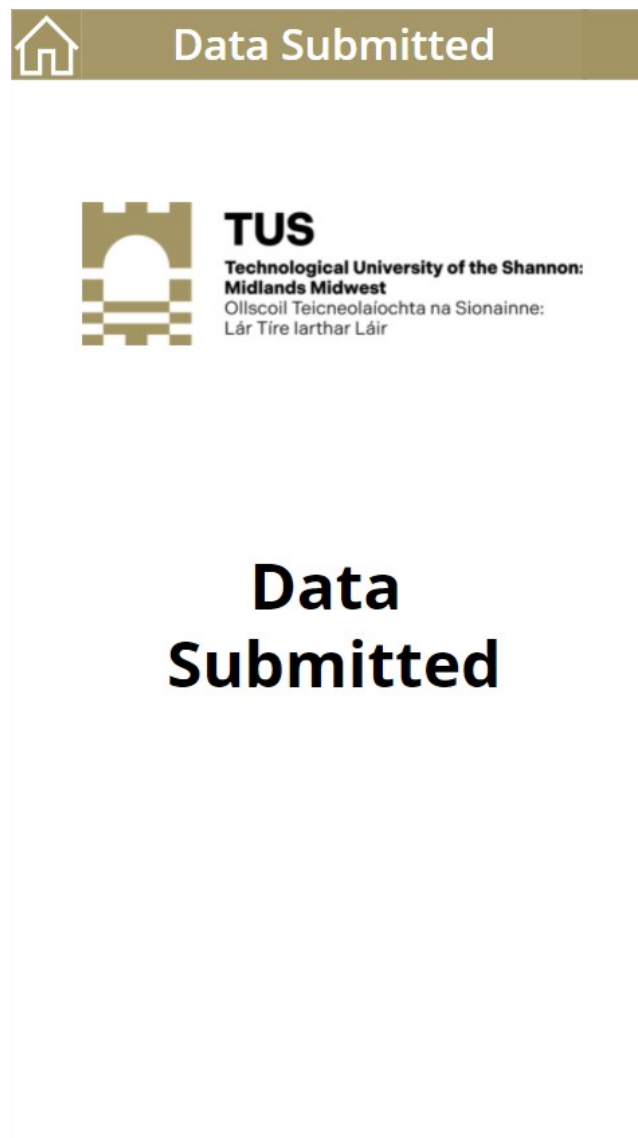


Figure 3: Confirmation Screen

## Submission

The submission of this assignment will involve sharing the app, and data store with [paul.vesey@lit.ie](mailto:paul.vesey@lit.ie). Your submission will require the following activities:

1. Set [paul.vesey@lit.ie](mailto:paul.vesey@lit.ie) as a co-owner of your app
2. Share edit rights of the OneDrive folder where the Excel file is located with [paul.vesey@lit.ie](mailto:paul.vesey@lit.ie)
3. 1000 word report on the creation and deployment of the app, including app screenshots, and other items as may be required. This document is to be submitted in .pdf format only.

## Marking Scheme

Element	Proportion
Working App on Mobile Device	70%
Working Excel Data Repository	15%
Report	15%