

Subject: Health & Safety IT

Course: BSc in Construction Health & Safety

Session: Autumn 2021

Lecturer: Paul Vesey BEng, MIE, HDip

Filename: HSIT01-LIT-00-ZZ-SP-A-001-A1-P01

# Assignment 1 (25%) - Microsoft Forms

Issue Date:	As stated on Moodle
Submission Date:	As stated on Moodle

#### **Assignment Outline**

In this assignment you will create an on-line survey to capture the prestart checks undertaken by a site dumper operator. The platform for the on-line survey is to be Microsoft Forms, which is available through your Office 365 Student Subscription.

## **Background Information**

The HSA has a published document for Site Dumper Prestart checks. This document is available in the assignment pack, and is available for download here. An image is also shown in Fig ??

## **Usability**

Your final survey is intended to be deployed on site, for usage checks by drivers. As such you should consider the following in the design and implementation of your survey:

- Questions should be short and easy to read
- Responses should be clear and unambiguous



Figure 1: Dumper Prestart Checks

• Where failures are detected by the operator, additional information should be captured

## **Functionality**

The following functionality must be included in your deployment:

- Driver Name and Employee Number
- Dumper Registration
- All items as per the HSA document
- Appropriate Branching to capture comments on failed checks
- A branch specifically implemented for 'Use on Public Roads'
- A specific multi line input field for group testing feedback.

## **Testing**

Testing of your deployment will be done in two stages

- 1. Author Testing You should test your deployment rigorously before proceeding to the next stage
- 2. Group Testing Your Deployment will be tested by all other members of the class, and you will be expected to test all other deployments.

#### **Group Testing Feedback**

Group testing will be implemented to improve your deployment prior to final submission. All feedback is to be:

- Specific, meaningful & constructive
- Impersonal
- Process Orientated

#### **Submission**

This is a relatively complex submission, that will comprise many parts. The parts are as follows:

- 1. Link to Microsoft Form (with a .txt file)
- 2. Screen-shots of the form before group testing, numbered appropriately
- 3. Screen-shots of the form after group testing, numbered appropriately
- 4. Excel file containing all responses, including comments from group testing

All parts are to be compressed into a single zip folder compelete with logical sectioning. The link to the form URL can be included in a simple text file in the submission.