



Subject:	Construction Information Technology
Course:	Construction H&S
Session:	Spring 2020
Lecturer:	Paul Vesey BEng, MIE, HDip

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 1

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



Figure 1: Dumper Prestart Checks

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 complete with logical sectioning. The link to the form URL can be included in a simple text file in the submission.