

**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%) - Autodesk BIM360

<b>Issue Date:</b>	As stated on Moodle
<b>Submission Date:</b>	As stated on Moodle

### Assignment Outline

In this assignment you will create a BIM360 Field Survey to capture a work-place audit. The questions that are to be used are taken from <https://safetyculture.com/>, iAuditor example survey. Autodesk BIM360 is available at <https://docs.b360.autodesk.com/>.

### Background Information

In a previous assignment, you created a digital survey using Microsoft Forms. In this assignment you will also create a survey, but this time the survey will be integrated into Autodesk BIM360 and used in association with a Building Information Model.

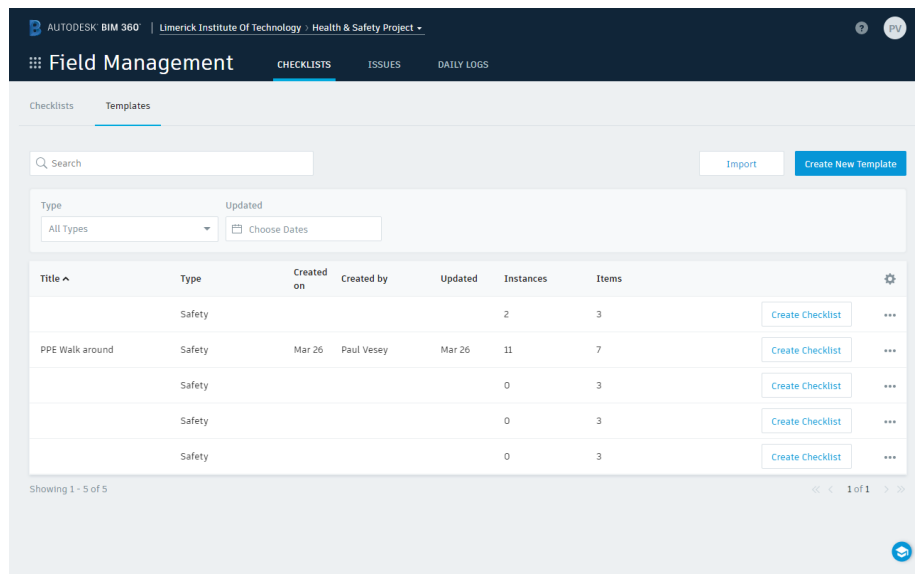


Figure 1: BIM360 Checklist Template

## Layout & Functionality

The questions for the survey have been provided to you in the asset pack. You are to implement as shown. When you are testing the functionality of the survey on a smartphone should ensure that you have at least the following:

- Photograph attached
- Annotated Photograph attached
- Voice Recognition used
- Issue Created
- Note Created

## Testing

You should ensure that your template is working as anticipated, including the functionality shown above.

## Checklists (x5)

Group testing will not be implemented in this assignment. Instead, it will be necessary for you to test your survey yourself prior to issuing to 5 of your classmates. Each student is required to obtain 5 surveys from classmates as part of this assignment.

## Submission

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

1. BIM360 Template (hosted on 'Health & Safety Project' on BIM360)
2. 5 Checklists completed by other students using the BIM360 Smartphone App
3. 1000 word report on the creation and deployment of the BIM360 survey, including data analysis, app screenshots, and other items as may be required. This document is to be a fully detailed report submitted in .pdf format only.

## Marking Scheme

Element	Proportion
BIM360 Field Template	60%
Survey Deployments (x5)	20%
Final Report	20%