**Compendium Structure**

The project compendium provides all materials needed for the project

1. Project Specifications

* Zuru Tech Materials
* Hardware List
* Software List
* Project Scope

1. Related work
2. Cable Stripping Method
3. Routing

* Final Design
* Design Evolution

1. Connector

* Insulation Piercing Connectors
* Insulation Displacement Connectors
* Initial Sketches

1. Image Processing

* MATLAB Script and Sample Images
* Indicative Progress Images

1. Future Work
2. Meeting Minutes and Slides

**What is in each folder:**

**Project Specifications**

The hardware and software required for the project, including manual and specification sheets for equipment.

**Related work**

The existing research related to the project. All research documents are categorized according to topics.

**Cable Stripping Method**

The cable stripping method selection criteria and video and photo of the selected stripping machine.

**Routing**

This folder contains the design evolution of the end-effector, including four prototypes, MATLAB scripts used in design and the stepper motor design. The CAD model, videos and photos for the final design is also in this folder, including the routing process and cable feeding using stepper motor.

**Connectors**

The CAD models and renders of two types of connectors as well as the initial brainstorming sketches.

**Image Processing**

This folder contains the MATLAB script used for image processing, sample Images and indicative progress images.

**Future Work**

A document describes the potential further development.