

University Of Edinburgh

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**DME:**  
**Mini-Project Report**

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## **Abstract**

Some abstract text...

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# 1 Example Section

This is a section where basic commands are shown

Just look at the `examples/examples.tex` file.

## 1.1 Example Subsection

Some commands are following...

### 1.1.1 General Text Formatting

*Emphasize*, **bold**,

### 1.1.2 Lists

Unordered list:

- some list item
- and another

Enumerated list:

1. first item
2. and the second one

### 1.1.3 Text referencing

Every time you use a `label` you can reference it by using the `ref` command. I've created some custom commands that handle labels and referencing more implicitly for images and code.

Just ask for details.

### 1.1.4 Maths

Inline math is as easy as  $1 + 1 = 2$ , you see?

### Centered Equation

$$1 + 1 = 2$$

## Numbered (and referencable) Equation

$$1 + 1 = 2 \tag{1}$$

I can use the `ref` command to reference equation (1).

### 1.1.5 Code

There are three variants to insert code. The visuals could be tweaked.

#### Inline Code

The first is `inline code`, where just a monospace font is used.

#### Code environment

This Code is directly written inside an `lstlisting` environment:

```
1 function one () {  
2     return 1;  
3 }
```

Listing 1:

#### Code from file

*Note:* The `minipage` environment can be used to prevent code being split by a page break.

```
1 function identity(x) {  
2     return x;  
3 }
```

Listing 2: Example code inserted from `examples/code.js`

code-reference-id

### 1.1.6 Footnotes

A footnote<sup>1</sup> is created with the `footnote` command.

### 1.1.7 Citations

We still have to figure out how to go about a shared bibliography. My Mendeley creates a bibliography for the DME references automatically. We could use this as a basis and have additional `.bib` files for individual references.

Anyways... I'd like to cite Lotte et al.[?] in here.

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<sup>1</sup>some explanatory text

## 2 Introduction

Introduction ...