#### HOCHSCHULE RHEINMAIN



#### ACADEMIC PROJECT

# Conception and building of a drivetrain system for an electric longboard

## "MotherBoard"

<u>Author</u>

HUNTER DENNIS

DEPARTMENT OF ENGINEERING

APPLIED PHYSICS & MEDICAL TECHNOLOGY

Date: July 14, 2022

#### **Contents**

Nomenciature		II
1	Introduction	1
2	Conception	2
3	Theory	3
4	Mechanics	4
5	Electronics	5
6	Evaluation	6
7	Conclusions	7
8	References	8
Lis	st of Figures	9
Lis	st of Tables	10
Α	Appendix	11

### **Nomenclature**

- a A letter
- $\alpha$  Greek jibberish

#### 1 Introduction

## 2 Conception

## 3 Theory

#### 4 Mechanics

#### **5 Electronics**

#### 6 Evaluation

#### 7 Conclusions

### 8 References

# **List of Figures**

#### **List of Tables**

## A Appendix