

**TM470 Project**  
Report

# **A Fencing Competition Results Web Service**

*Submitted in partial fulfillment of  
the requirements for the award of the degree of*

**Bachelor of Science  
in  
Computing and IT**

Submitted by

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Under the guidance of  
**Prof. Peter Smith**



IN COLLABORATION WITH



**BRITISH FENCING**

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London, United Kingdom

# Department of Computing and IT

THE OPEN UNIVERSITY

## *Certificate*

This is to certify that this is a bonafide record of the project presented by the student whose name is given below during 2016 in partial fulfilment of the requirements of the degree of Bachelor of Science in Computing and IT.  
[1.0cm]

Student Name

PI Number

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Matthew Anthony Carus

B3951972

;Tutor name here;  
(Tutor)

Leonor Barroca  
(Module Team Chair) [1.5cm] February 1, 2016

## Abstract

¡Abstract here¿

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# Chapter 1

## Problem Definition

¡Problem Definition here¿

# Chapter 2

## Introduction

### 2.1 Background and Recent Research

#### 2.1.1 ;any sub section here;

#### 2.1.2 Literature Survey

##### ;Sub-subsection title;

some text (Knuth, 2000) Goossens et al. (1993), some more text

##### ;Sub-subsection title;

even more text<sup>1</sup>, and even more.

### 2.2 Motivation

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<sup>1</sup>;footnote here;

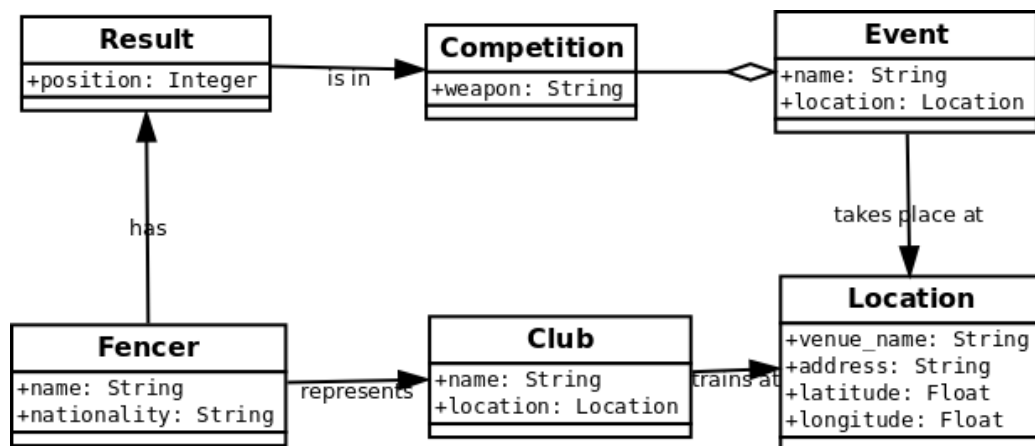
# Chapter 3

## Models

### 3.1 Grammatical Analysis

(Fencing, 2010)

### 3.2 Class Diagram





# Chapter 4

## Work Done

### 4.1 §Section title¿

#### 4.1.1 §Sub-section title¿

#### 4.1.2 §Sub-section title¿

some text(Einstein, 1905), some more text

#### 4.1.3 §Sub-section title¿

#### 4.1.4 §Sub-section title¿

Refer figure 4.1.

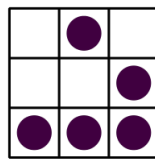


Figure 4.1: §Caption here¿

#### 4.1.5 §Sub-section title¿

### 4.2 §Section title¿

# Chapter 5

## Source Code

```
1  /**
2   * Testing block comments
3   *
4   * On multiple lines
5   *
6   */
7
8
9  class Dummy
10 {
11     private String name = "Dummy";
12     public Dummy()
13     {
14
15     }
16
17     @Deprecated
18     public void test()
19     {
20
21     }
22 }
```

dummy\_source.java

# Acknowledgments

¡Acknowledgements here¿

¡Name here¿

¡Month and Year here¿ National Institute of Technology Calicut

# References

- A. Einstein. Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]. *Annalen der Physik*, 322(10):891–921, 1905.
- B. Fencing. *Competitive Fencing*. 2010. URL [http://www.surreyfencing.com/files/BFA\\_Competitive\\_Fencing\\_Guide\\_Nov2010.pdf](http://www.surreyfencing.com/files/BFA_Competitive_Fencing_Guide_Nov2010.pdf).
- M. Goossens, F. Mittelbach, and A. Samarin. *The L<sup>A</sup>T<sub>E</sub>X Companion*. Addison-Wesley, Reading, Massachusetts, 1993.
- D. Knuth. Knuth: Computers and typesetting, 2000.