**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**

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**Abstract**

This project will create a web service capable of storing and serving up the results of fencing competitions.

# Contents

# List of Figures

# Chapter 1

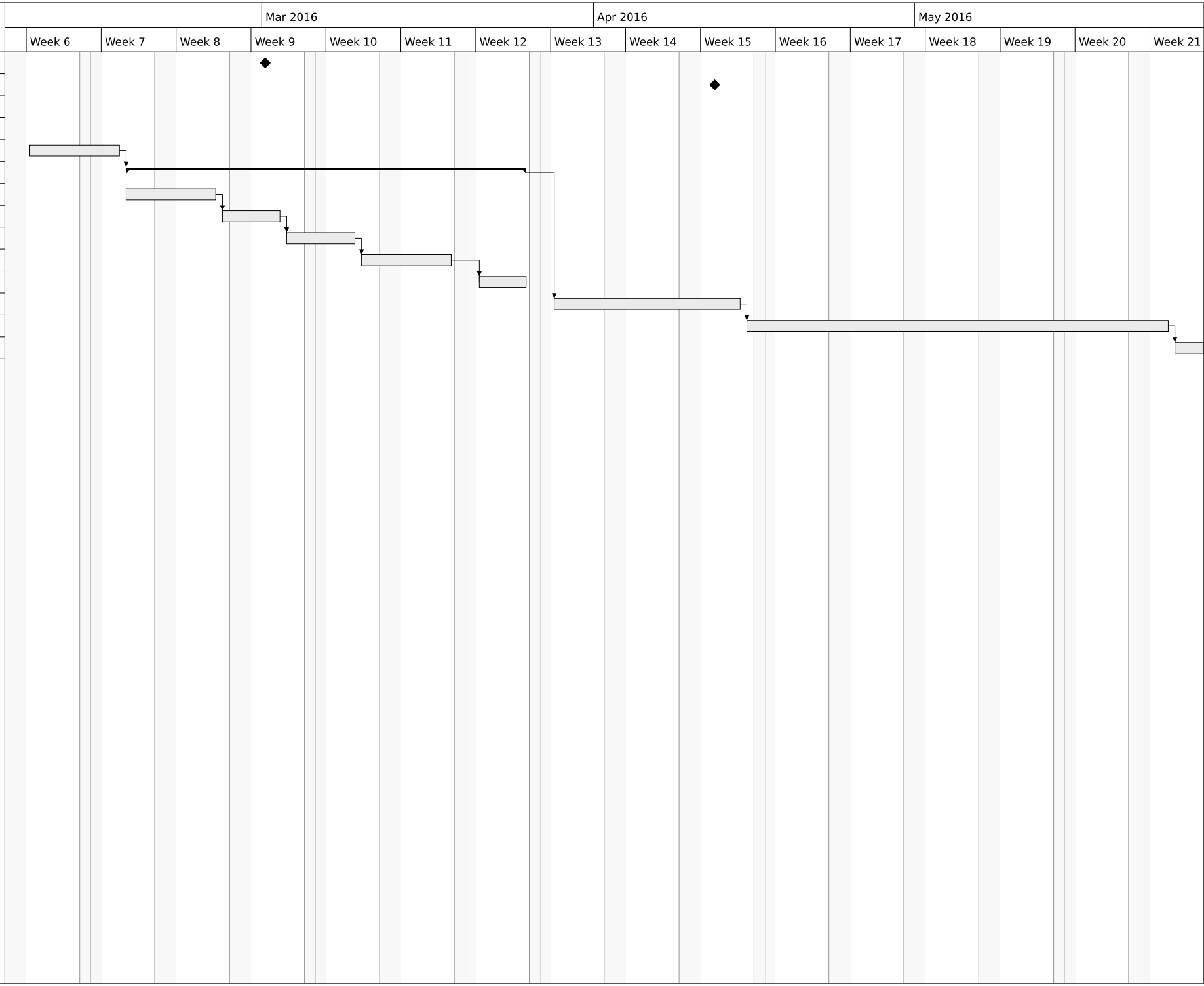
# Problem Definition

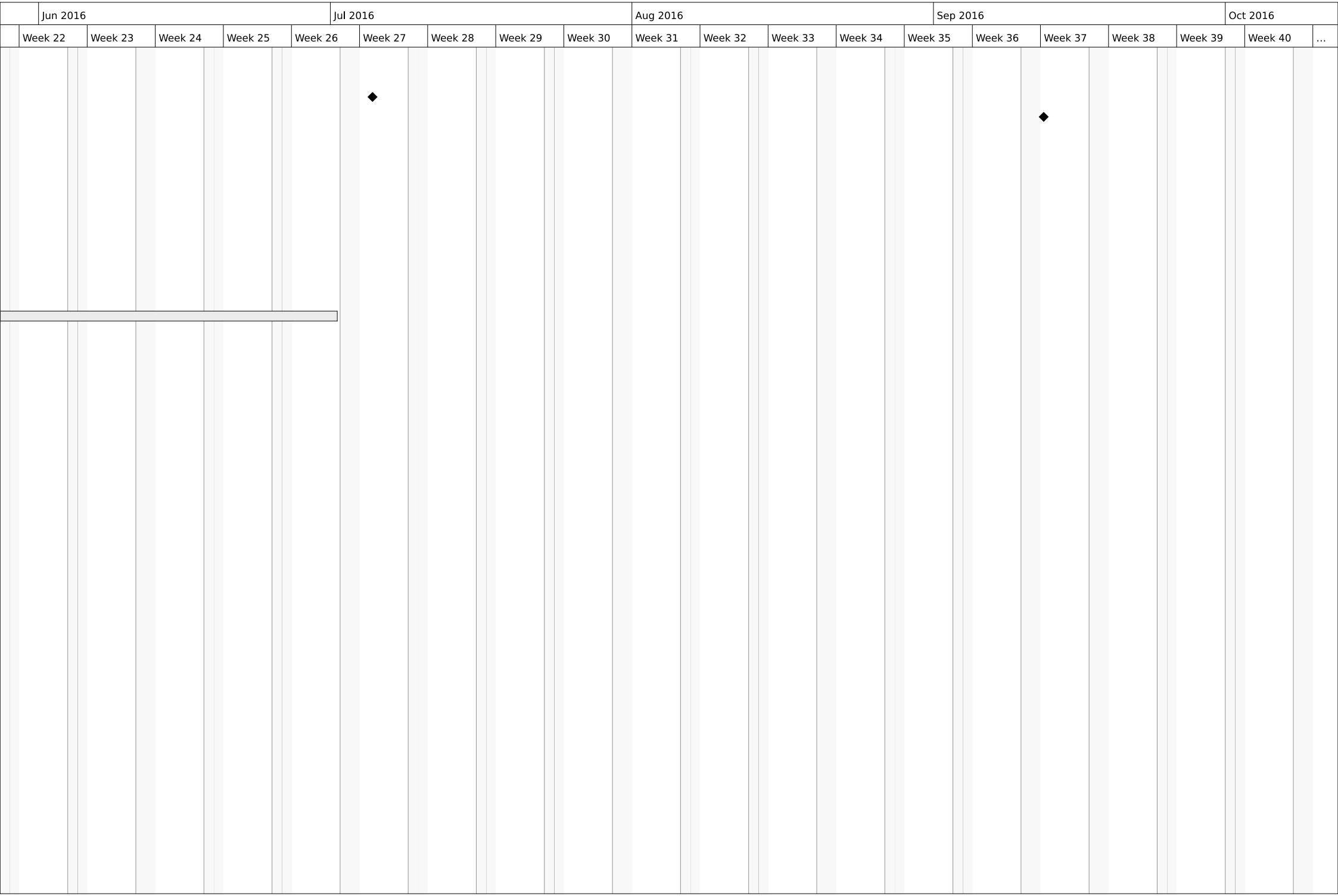
The sport of Fencing has a fairly small but loyal following in the UK. As such, the support systems around the sport are not as developed as they are in other sports. The National Governing Body of Fencing in the UK, British Fencing, host the results of fencing competitions on their website. The results are represented as static HTML files and there is no way to present the data other than as a list of the results of each competition (i.e. you can't view all of the results of a particular fencer).

# Chapter 2

# Project Plan

| Name | Work |
|---|---|
| TMA01 Deadline | |
| TMA02 Deadline | |
| TMA03 Deadline | |
| EMA Deadline | |
| Project Planning | 7d |
| **Modelling** | **28d** |
| Get ??? from BF | 7d |
| Generate project glossary | 4d |
| Generate domain model | 5d |
| Validate domain model with BF | 7d |
| Create class diagrams | 5d |
| Database Schema | 14d |
| API | 28d |
| Web Interface | 28d |




Jun 2016
Jul 2016
Aug 2016
Sep 2016
Oct 2016
Week 22
Week 23
Week 24
Week 25
Week 26
Week 27
Week 28
Week 29
Week 30
Week 31
Week 32
Week 33
Week 34
Week 35
Week 36
Week 37
Week 38
Week 39
Week 40
...

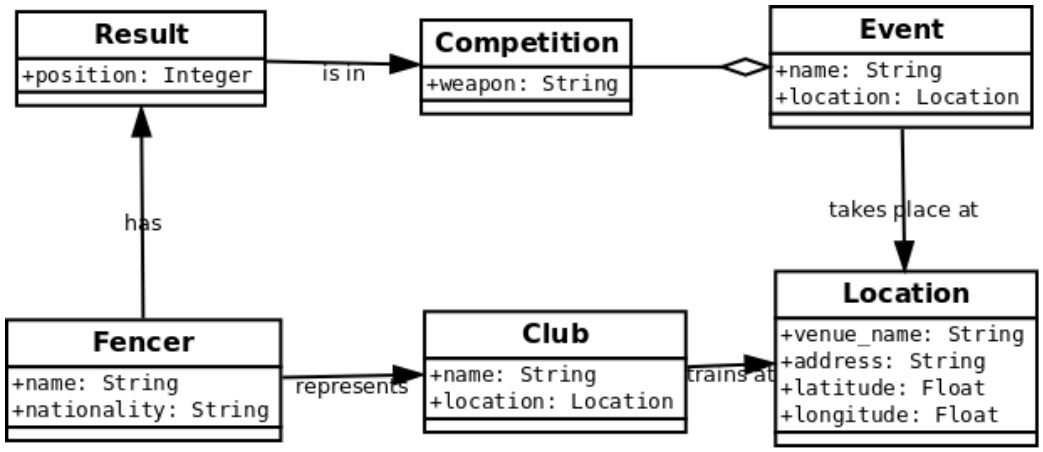
# Chapter 3

# Models

## 3.1 Grammatic 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.

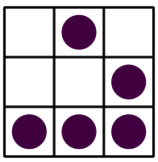


Figure 4.1: ¡Caption here¿

### 4.1.5 ¡Sub-section title¿

## 4.2 ¡Section title¿

# Chapter 5

# Source Code

```
/**
 * Testing block comments
 *
 * On multiple lines
 *
 */


class Dummy
{
  private String name = "Dummy";
  public Dummy()
  {

  }

  @Deprecated
  public void test()
  {

  }
}
```

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`.

M. Goossens, F. Mittelbach, and A. Samarin. *The LaTeX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.

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