



University  
of Glasgow | School of  
Computing Science

Honours Individual Project Dissertation

## LEVEL 4 PROJECT REPORT TEMPLATE

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# Abstract

Every abstract follows a similar pattern. Motivate; set aims; describe work; explain results.

“XYZ is bad. This project investigated ABC to determine if it was better. ABC used XXX and YYY to implement ZZZ. This is particularly interesting as XXX and YYY have never been used together. It was found that ABC was 20% better than XYZ, though it caused rabies in half of subjects.”

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# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Motivations and Aims	1
1.2	Chapter outline	1
<b>2</b>	<b>Background and Research</b>	<b>2</b>
2.1	International News Sources	2
2.2	Existing Web Scraping Technologies	2
2.3	Scheduling Technologies / Approaches	2
2.4	Database and Visualiation Technologies	2
2.5	News Article Classification	2
2.5.1	Datasets	2
2.5.2	Models	2
2.6	Web Interface	2
2.7	Ethical / Legal Considerations	2
<b>3</b>	<b>Requirements</b>	<b>3</b>
3.1	Functional Requirements	3
3.2	Non-functional Requirements	3
<b>4</b>	<b>Implementation</b>	<b>4</b>
4.1	Design Choices	4
4.1.1	Web Scraping Technology	4
4.1.2	Classifier Model	4
4.1.3	Visualisation	4
4.1.4	Web Interface	4
4.2	Web Scraping System	4
4.3	Database	4
4.4	Visualisations	4
4.5	News Article Classification	4
4.6	Web Interface	4
<b>5</b>	<b>Evaluation</b>	<b>5</b>
5.1	Automatic Web Scraping System	5
5.2	News Article Classification	5
5.3	Web Interface and Visualisations	5
5.3.1	Accessibility	5
5.3.2	Usability Testing	5
5.4	Project Limitations	5
<b>6</b>	<b>Conclusion</b>	<b>6</b>
6.1	Project Summary	6
6.2	Future Work	6
	<b>Appendices</b>	<b>7</b>
<b>A</b>	<b>Appendices</b>	<b>7</b>

**Bibliography**

# 1 | Introduction

Why should the reader care about what are you doing and what are you actually doing?

## 1.1 Motivations and Aims

**Motivate** first, then state the general problem clearly.

## 1.2 Chapter outline

## 2 | Background and Research

What did other people do, and how is it relevant to what you want to do?

### 2.1 International News Sources

### 2.2 Existing Web Scraping Technologies

### 2.3 Scheduling Technologies / Approaches

### 2.4 Database and Visualiation Technologies

### 2.5 News Article Classification

#### 2.5.1 Datasets

#### 2.5.2 Models

### 2.6 Web Interface

### 2.7 Ethical / Legal Considerations

## 3 | Requirements

### 3.1 Functional Requirements

### 3.2 Non-functional Requirements



## 4 | Implementation

### 4.1 Design Choices

#### 4.1.1 Web Scraping Technology

#### 4.1.2 Classifier Model

#### 4.1.3 Visualisation

#### 4.1.4 Web Interface

### 4.2 Web Scraping System

### 4.3 Database

### 4.4 Visualisations

### 4.5 News Article Classification

### 4.6 Web Interface

## 5 | Evaluation

### 5.1 Automatic Web Scraping System

### 5.2 News Article Classification

### 5.3 Web Interface and Visualisations

#### 5.3.1 Accessibility

#### 5.3.2 Usability Testing

### 5.4 Project Limitations

## 6 | Conclusion

Summarise the whole project for a lazy reader who didn't read the rest (e.g. a prize-awarding committee).

### **6.1 Project Summary**

### **6.2 Future Work**

## A | Appendices

## 6 | Bibliography