

# **Improving feedback for a web-based marking system**

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# **Abstract**

This thesis will discuss the work done towards improving the feedback provided to users of the Infandango system.

# Declaration

I declare that this thesis was composed by myself, that the work contained herein is my own except where explicitly stated otherwise in the text, and that this work has not been submitted for any other degree or professional qualification except as specified.

*(Paul Thomson)*

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# Chapter 1

## Introduction

### 1.1 Infandango

Infandango is an open source web-based system for automated grading of Java code submitted by students[1]. The aim of this project is to improve the feedback provided to students by using machine learning methods to display a visual representation of their current progress. 3





# **Chapter 2**

## **Background**



# **Chapter 3**

## **Design**



# **Chapter 4**

## **Implementation**



# **Chapter 5**

## **Evaluation**





## **Chapter 6**

## **Conclusion**



# Bibliography

- [1] E. K. Mike Hull, Dan Powell. Infandango: Automated grading for student programming.