
University of Glasgow | Department of Computing Science

# D3: REQUIREMENTS DOCUMENT

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| Project | PSD3 Group Exercise 1 |
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# Contents

# 1 Introduction

## 1.1 Identification

## 1.2 Related Documentation

## 1.3 Purpose and Description of Document

## 1.4 Document Status and Schedule

# 2 Extended Problem Definition

The School of Computing Science are looking for a unified system for collecting, reviewing, and publishing internship advertisements. There are some main features which the system must possess:
Submission of internship advertisements;
Review, comment, and publication of the internship advertisements;
Viewing of internship advertisements;
Notification of successful internship applications.
The system does not have to support the actual application process, students are to use the companies own channels for this.
Companies wishing to submit advertisements to the system are required to first contact the course coordinator for access to the system. This ensures no fake or spam advertisements can be submitted.
Only textual data can be submitted as part of an advertisement. There are no strict guidelines for advertisement content so as a result, no automatic checks on the content can be done by the system, only manually by the course coordinator. The only possible check may be to ensure no duplicate entries to the system, this is because companies with multiple vacancies for the same job are only allowed a single advertisement which states the number of available positions.
Each advertisement has to be reviewed and accepted by the course coordinator prior to submission for students to view. As part of the review process, the course coordinator can comment on the advertisement, either for another member of staff to look at prior to submission or as part of feedback to be sent back to the company. In the event of an application being rejected, the system is not required to submit feedback to the company, this is to be done separately by the course coordinator.
When an internship advertisement has been reviewed and published, students are to be notified somehow. This can be done either by mass email or via a notification presented to the user on login to the system.
The system is available for all Computing Science students to access and they are all free to apply for any internship available. The login process could conveniently be linked with existing student accounts and thus be handled separately to the system.
Students will have a status to allow the course coordinator to track progress through the system. A student can either be accepted into an internship, pending approval/response to an internship application, or yet to apply/no current application in progress.

# 3 System Scope

Give an overview of the system here, in the context of the surrounding environment. Use case diagrams can be used to illustrate the interactions between actors in the environment and the system.
You should explain the assumptions you have made in defining the boundary of the system (i.e. what the system will and will not do).

Describe any conflicts in requirements expressed by different stakeholders, how you resolved them and why.

### 3.1 System Actors

Give descriptions of each of the actors that you have identified as interacting with the system.

### 3.2 Domain Model

Explain the elements of the domain here.

## 4 Use Case Descriptions

This is a collection of use case descriptions (one per use case). Think carefully about how to group these descriptions in the document. You can use the template style provided to format your descriptions:

| | |
|---|---|
| **Use case** | |
| **Description** | |
| **Rationale** | |
| **Priority** | |
| **Status** | |
| **Actors** | |
| **Extensions** | |
| **Includes** | |
| **Conditions** | |
| **Non-Functional Requirements** | |
| **Scenarios** | |
| **Risks** | |
| **User Interface** | |

# 5 Non Functional Requirements

Describe the non-functional requirements for the system here, giving a rationale (traceable to your requirements gathering) for each. You will need to think about how to group/structure requirements in this section.

# 6 Summary

Give a (very short) summary of the key aspects of the requirements specification.
Some suggested appendices are included below.
Appendices should be used to include information not completely necessary to the understanding of the main document.

# A Glossary

Definitions.

# B Scenarios

A collection of scenarios you developed to exercise and refine your use cases.

# C Stakeholder Interview Documentation

Any evidence you gathered from stakeholders relevant to your requirements description. You don't need to include everything verbatim here, but summary documents, for example, identifying the key points you identified (particularly if they relate to requirements conflicts) can be useful.

## D Stakeholder Panel Documentation

(see above)