#### Building a Social Media Platform Capable of Scaling to a Million Users Overnight

Harry Day
School of Computer Science
University of Manchester

Supervisor: Dr. Gareth Henshall

2025

#### Abstract

This is a brief summary of your dissertation. It should outline the research question, methodology, results, and conclusions.

#### Contents

1	Intr	roduction	4
	1.1	Motivation	4
	1.2	Aims and Objectives	4
	1.3	Scope and Limitations	4
	1.4	Dissertation Structure	4
<b>2</b>	Background		5
3	Design		
4	Implementation		7
5	Testing and User Feedback		8
6	Reflection and Evaluation		10
7	App	pendix	<b>12</b>

# List of Figures

#### List of Tables

#### Introduction

- 1.1 Motivation
- 1.2 Aims and Objectives
- 1.3 Scope and Limitations
- 1.4 Dissertation Structure

# Background

# Design

# Implementation

#### Testing and User Feedback

(Capiński & Kopp 2012).

#### Reflection and Evaluation

# Bibliography

Capiński, M. & Kopp, E. (2012), *The Black–Scholes Model*, Cambridge University Press.

# Appendix