

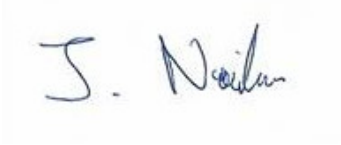
**School of Computing Science and Digital Media
Coursework Assignment**

Surname	Neilson
First name	Jack
Matriculation Number	1506801
Contact phone number	07990850875
Course + Year	CM3
Module Co-ordinator	David Lonie
Module Number + Name	CM3033 Concurrent Programming
Coursework Title	Share Price Server
Coursework Part	1
Due Date	16 December 2016 at 4 pm

Declaration ** *This **must** be affirmed by signing below*

I confirm

- that the work undertaken for this assignment is entirely my own and that I have not made use of any unauthorised assistance
- that the sources of all reference material has been properly acknowledged.

Student Signature	
Date Submitted	2016/12/16

Marker's Comments	
Marker	Grade

[

** An extract from the University Regulations]** An extract from the University Regulations

[

6. Academic Misconduct]6. Academic Misconduct Refer also to Schedule 3.3 of this Regulation for guidance on this procedure.

6.1 **Academic Misconduct** is defined as any attempt by students to gain an unfair advantage in assessments and examinations. Examples of academic misconduct include plagiarism, cheating, falsifying data, collusion, bribery or attempted bribery, personation or any other activity intended to provide an unfair advantage.

(i) **Plagiarism** is the practice of presenting the thoughts or writings of another or others as original, without acknowledgement of their source(s). All material used to support a piece of work should be carefully referenced and should not normally be copied directly unless as an acknowledged quote. Text translated into the words of the individual student should in all cases acknowledge the source.

(ii) **Cheating** includes:

- the taking of any unauthorised material into an examination;
- obtaining copy of “unseen” papers in advance of an examination;
- communicating or attempting to communicate in any way with another student during an examination;
- copying or attempting to copy from another student during an examination or in the production of coursework;
- wilful deception in any element of an examination or assessment.

(iii) **Falsification of data** consists of the misrepresentation of the results of experimental work or the presentation of results from fictitious work.

(iv) **Collusion** is the representation of unauthorised group work as that of an individual student.

(v) **Bribery** is the paying, offering or attempted exchange of an inducement for information or material intended to advantage the recipient in an examination or assessment.

(vi) **Personation** consists of a substitute taking the place of a student in an examination.

A student who aids and abets a fellow student to commit academic misconduct shall be deemed to have committed academic misconduct and will be dealt with accordingly.

Contents

1	Statement of Compliance	4
	Implemented	4
	Not Implemented	4
2	Analysis & Design	5
3	Implementation	7
4	Testing	8
5	Results	9

1 Statement of Compliance

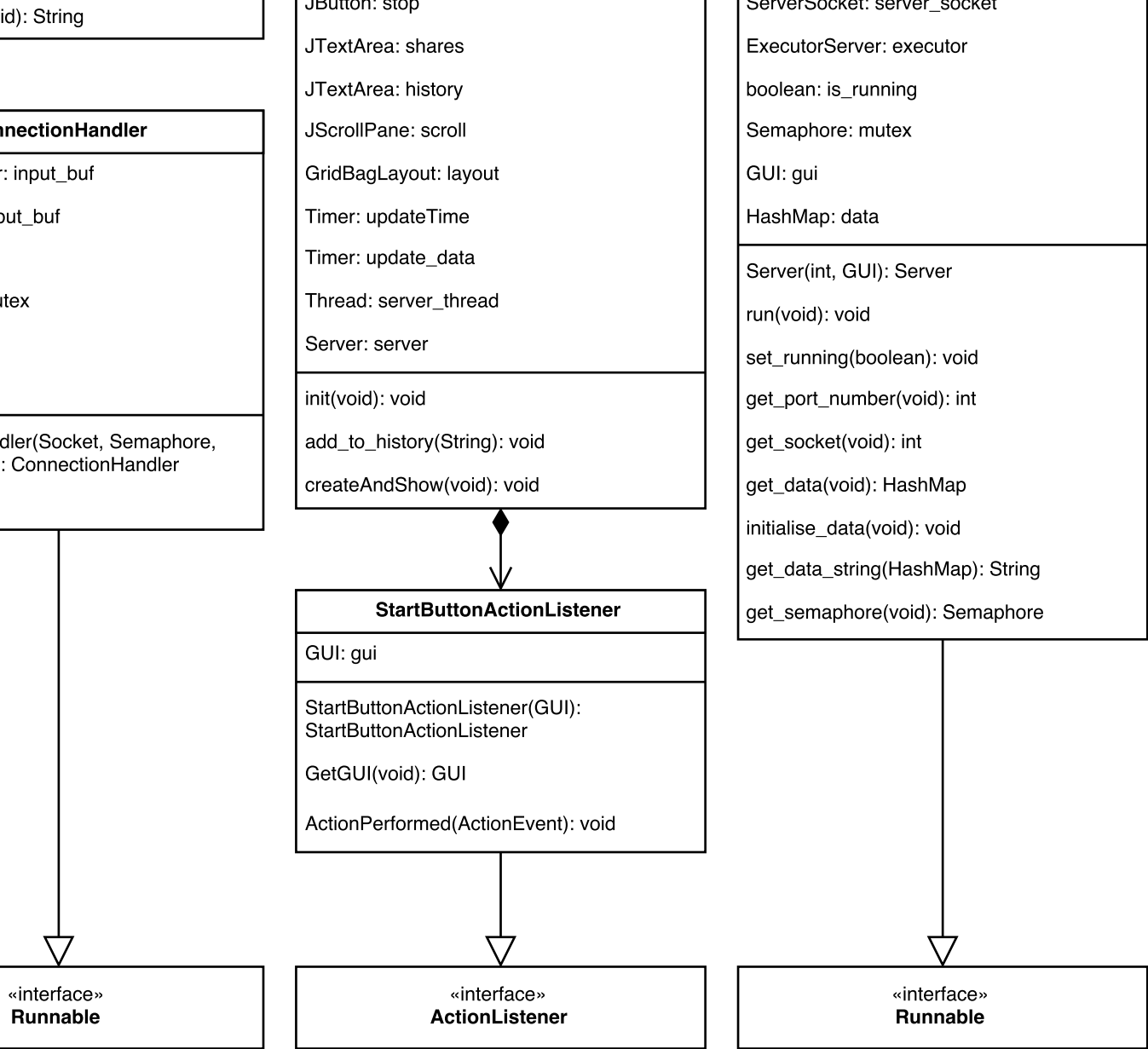
Implemented

1. A text field showing the current system time
2. A button to start the server
3. A button to stop the server
4. A continually updating readonly text area that displays the current state of the shares
5. A scrollable text area that shows the history of operations since the program started
6. Validation for user input
7. A server to handle incoming connections
8. A connection handler to take user input, parse it and apply it to the data

Not Implemented

n/a

2 Analysis & Design



3 Implementation

4 Testing

5 Results