

Final Report

Remote Chess Playing

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Submitted in accordance with the requirements for the degree of
Computer Science with Maths

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COMP3931 Individual Project

The candidate confirms that the following have been submitted.

Items	Format	Recipient(s) and Date
Final Report	PDF file	Uploaded to Minerva (DD/MM/YY)
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The candidate confirms that the work submitted is their own and the appropriate credit has been given where reference has been made to the work of others.

I understand that failure to attribute material which is obtained from another source may be considered as plagiarism.

(Signature of Student) _____

Summary

<Concise statement of the problem you intended to solve and main achievements (no more than one A4 page)>

Acknowledgements

<The page should contain any acknowledgements to those who have assisted with your work. Where you have worked as part of a team, you should, where appropriate, reference to any contribution made by other to the project.>

Note that it is not acceptable to solicit assistance on ‘proof reading’ which is defined as the “the systematic checking and identification of errors in spelling, punctuation, grammar and sentence construction, formatting and layout in the text”; see

https://www.leeds.ac.uk/secretariat/documents/proof_reading_policy.pdf

Contents

1	Introduction and Background Research	1
1.1	Introduction	1
1.2	Literature review	1
2	Methods	2
2.1	A section	2
2.1.1	A sub-section	2
2.2	Another section	2
3	Results	3
3.1	A section	3
3.1.1	A sub-section	3
3.2	Another section	3
4	Discussion	4
4.1	Conclusions	4
4.2	Ideas for future work	4
	Appendices	5
A	Self-appraisal	5
A.1	Critical self-evaluation	5
A.2	Personal reflection and lessons learned	5
A.3	Legal, social, ethical and professional issues	5
A.3.1	Legal issues	5
A.3.2	Social issues	5
A.3.3	Ethical issues	5
A.3.4	Professional issues	5
B	External Material	6
	References	5

Chapter 1

Introduction and Background Research

1.1 Introduction

Chess is a board game that has existed since the 7th century [?]. The game is played by two people, each one in control of an army of equal strength; it is up to the player's logical reasoning and deduction in order to conquer the board. For a long time, chess could only be played in person, or perhaps through the post. Internet Chess Club was founded by Danny Sleator in 1992 [?], and he lead a small team of programmers to develop the first dedicated chess server. This was the introduction to playing chess over the internet and allowed people to play chess together, regardless of the distance between them. It wasn't until 1995, where the first web based chess server was launched by Caissa [?], which featured a graphical user interface. This most likely contributed to a higher adoption of playing chess online because it gave users a friendlier interface, which was more intuitive and approachable than what was previously available. Since then, many similar services have been created such as <list examples> and it goes to show that there is quite some variety in the way this service is implemented.

1.2 Literature review

chess.com

Chapter 2

Methods

<Everything that comes under the ‘Methods’ criterion in the mark scheme should be described in one, or possibly more than one, chapter(s).>

2.1 A section

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2.1.1 A sub-section

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2.2 Another section

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Chapter 3

Results

<Results, evaluation (including user evaluation) *etc.* should be described in one or more chapters. See the ‘Results and Discussion’ criterion in the mark scheme for the sorts of material that may be included here.>

3.1 A section

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3.1.1 A sub-section

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3.2 Another section

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Chapter 4

Discussion

<Everything that comes under the ‘Results and Discussion’ criterion in the mark scheme that has not been addressed in an earlier chapter should be included in this final chapter. The following section headings are suggestions only.>

4.1 Conclusions

Aliquam lectus. Vivamus leo. Quisque ornare tellus ullamcorper nulla. Mauris porttitor pharetra tortor. Sed fringilla justo sed mauris. Mauris tellus. Sed non leo. Nullam elementum, magna in cursus sodales, augue est scelerisque sapien, venenatis congue nulla arcu et pede. Ut suscipit enim vel sapien. Donec congue. Maecenas urna mi, suscipit in, placerat ut, vestibulum ut, massa. Fusce ultrices nulla et nisl.

4.2 Ideas for future work

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Appendix A

Self-appraisal

<This appendix should contain everything covered by the 'self-appraisal' criterion in the mark scheme. Although there is no length limit for this section, 2—4 pages will normally be sufficient. The format of this section is not prescribed, but you may like to organise your discussion into the following sections and subsections.>

A.1 Critical self-evaluation

A.2 Personal reflection and lessons learned

A.3 Legal, social, ethical and professional issues

<Refer to each of these issues in turn. If one or more is not relevant to your project, you should still explain *why* you think it was not relevant.>

A.3.1 Legal issues

A.3.2 Social issues

A.3.3 Ethical issues

A.3.4 Professional issues

Appendix B

External Material

<This appendix should provide a brief record of materials used in the solution that are not the student's own work. Such materials might be pieces of codes made available from a research group/company or from the internet, datasets prepared by external users or any preliminary materials/drafts/notes provided by a supervisor. It should be clear what was used as ready-made components and what was developed as part of the project. This appendix should be included even if no external materials were used, in which case a statement to that effect is all that is required.>