

**School of Computing and Engineering**

**Final Year Project**

Student Name:

Student ID:

Project Title: *Project Title should be short and precise. It should tell the reader of the nature of your research.*

Date: *Submission Date*

Supervisor Name:

Second Marker:

Abstract

*Enter your abstract here.*

*The Abstract is a self-contained summary of the whole of your report. It should therefore be written last and is usually limited to one or two paragraphs.*

*It should contain:*

* *An outline of what you investigated (as stated in your title)*
* *Why you chose to look at that particular area with brief reference to prior research done in the field.*
* *Your experimental hypothesis (prediction of what the results will show)*
* *A brief summary of your method.*
* *Your main findings and how these relate to your hypothesis.*
* *A conclusion which may include a suggestion for further research.*

**Acknowledgements**

*Enter acknowledgements here. Acknowledge those that have assisted you in your project.*

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# Figures and Tables

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## List of Figures

REFERENCES 🡺 Insert Caption

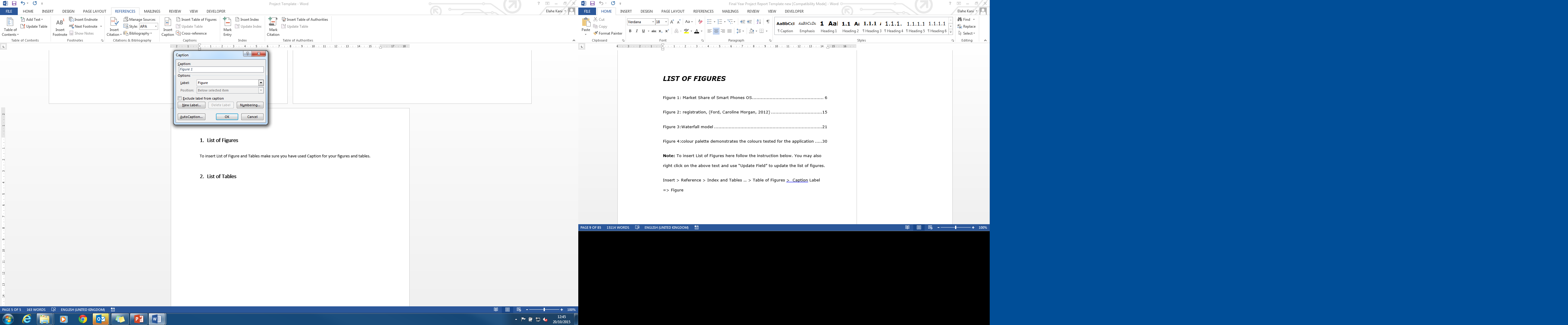


Figure 1 - inserting figure caption

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# Introduction

*The Introduction chapter should include your motivation for conducting the research. Identify the problem by providing some background to the subject under study. Introduce the reader in more detail to the subject area under study. Expand the Abstract and explain in more details what have been presented in the reported chapters briefly layout of the report (Alani, 2017)*

## Aim and Objectives

### Aim

*An aim is general statement of intent and are written in general terms. Aims should be identified/set realistically (achievable within the available timeframe). The aims then should be broken down into smaller and achievable chunks (Alani, 2017).*

### Objectives

*An objective is a descriptions of an intended outcome, written in specific terms. An objective should be SMART (Alani, 2017):*

* *Specific: Avoid setting unclear or vague objectives; be as precise as possible*
* *Measurable: Be clear how will you recognise when you have achieved your goal. Using numbers, dates and times is one way to represent clear objectives.*
* *Achievable: Setting yourself unfeasible*
* *Realistic*
* *Time bounded*

# Literature Review

*The background to the problem under study, providing the previous work carried out by the others in the field, with appropriate references. Avoid inclusion of information that are not in direct relevance to your research/study. Be as comprehensive as possible. Be as objective as possible. Write a summary of your findings (identified problems, advantages and disadvantages. This should lead you to set the aims and objectives of your study (Alani, 2015).*

*Write your Literature Review by following these steps:*

1. ***Focusing on Aim and Objectives***

***What is my project about?***

* + - ***evaluating current techniques/systems/research idea?***
    - ***innovating a new system/method?***
    - ***developing the current system in place?***
    - ***proposing a list of principles to be applied?***

***What is the current system/method/technique?***

* + - ***Who has done the same work?***
    - ***What did they say/achieved/concluded?***
    - ***Can I follow/add/test/criticise their work?***
    - ***How will my work be different to their work?***

1. ***Research question(s)***

* ***What is my research question(s)?***

***The answer to your research question would be the conclusion at the end.***

***For example:***

***Research title: Educational game for students with hearing impairment***

***Research Aim: To investigate whether the use of serious games is an effective learning tool to aid and enrich deaf children’s learning experience…***

***Research question:***

***What are the implications/effects of using serious games in education?***

***What are the implications of using serious games for educating deaf children?***

1. ***Discovery***

***Stage 3: Find the article/system***

***In view of Stage 1 & 2 you search for:***

***Article: Read abstract and conclusion first; If the article is relevant, check the reference list***

***System: Who is the owner? Who are the users? Make contacts***

1. ***Write***

* ***Write the rough draft***
* ***Improve the rough draft***
* ***Write the final version***

# Research Methodology

***This section should reflect on the set objectives of your report.***

***Describe every step of How you carried out your research/development in sufficient details so that the reader could exactly replicate your procedures if they wanted to.***

***It should provide detailed information about your experimental design, sampling methods, participants, equipment (apparatus/materials) and the overall procedure employed thoroughly and effectively (Alani, 2017).***

# Design and Implementation

***This section specifies the design model with detailed description of the design process of the artefact to include the architecture, components and data of the system. The chapter should include any conceptual model used with a defined list of system requirements before providing a full description of the final design.***

# Result and Analysis

***The presented results should clearly convey the findings of your experiment, design, validation of methods and procedures and etc. It should reflect on the set objectives of the project. It should be remembered that this section is the basis of your next chapter (Discussion) and contains the main body of your project report, therefore: Present your data and findings effectively and in a summarised manner (graphs, tables, equations, design models, and etc.); Comment briefly on the significance of your results or design reflecting on the existing alternatives or similar products (Alani, 2017).***

# Discussion and Conclusion

***This chapter is probably the most important part of your project report and it should focus on: To help the reader to understand the relevance of your work (research/design) to previous and further work in the field; It should clearly reflect on the reported results and the presented analytical work; It should clearly relate to the information provided in the earlier chapters (Introduction and Objectives); It should compare your findings and development with the results and findings referred to in the Literature Review; It should contain a main summary of the results and an interpretation of these results in relation to your aims, predictions or hypothesis (supported or rejected); It should state clearly; the implications of your findings or design, limitations or associated problems, and have also considered ideas for further research in that field (Alani, 2017).***

# References

Alani, A. (2017) *Final Year Projects* [PowerPoint Presentation], Available at: <https://online.uwl.ac.uk/webapps/blackboard/content/listContentEditable.jsp?content_id=_1880645_1&course_id=_91248_1&mode=reset> (Accessed: December 2017)

*Use Harvard Style by following the guideline available on UWL library website:*

[*http://www.uwl.ac.uk/library/finding-and-using-information/referencing*](http://www.uwl.ac.uk/library/finding-and-using-information/referencing)

*On the above web page click on* ***Cite Them Right*** *Online link.*

*For more information read lecture materials given in* ***week 7*** *on Blackboard.*

# Appendix

*Attach any additional items/forms etc that you have used for your project.*