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| School of Computing  Faculty of Engineering |

Full Title of Project

Full Name of Author

Submitted in accordance with the requirements for the degree of  
<Name of Degree>

Session (e.g. 2014/2015)

The candidate confirms that the following have been submitted*:*

*<As an example>*

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| **Items** | **Format** | **Recipient(s) and Date** |
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| *Participant consent forms* | *Signed forms in envelop* | *SSO (xx/xx/xx)* |
| *Deliverable 4* | *Software codes or URL* | *Supervisor, assessor (xx/xx/xx)* |
| *Deliverable 5* | *User manuals* | *Client, supervisor (xx/xx/xx)* |

Type of Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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.

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# Summary

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

# Acknowledgements

*<This 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 others to the project.*

*Note that it is not acceptable to solicit assistance on ‘proof reading’ which is defined as “the systematic checking and identification of errors in spelling, punctuation, grammar and sentence construction, formatting and layout in the text”; see* [*http://www.leeds.ac.uk/qat/documents/policy/Proof-reading-policy.pdf*](http://www.leeds.ac.uk/qat/documents/policy/Proof-reading-policy.pdf)*. >*

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# Chapter 2 Tables and Figures

## 2.1 Tables using the ‘table caption’ and ‘table description’ Styles

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**Table 2.1** Caption of Table — automatically appears in the List of Tables when that is updated The ‘table caption’ style has been applied to this paragraph by pressing Ctrl Shift T.

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## 2.2 Figures using the ‘figure caption’ and ‘figure description’ Styles

Figures can be added using the Illustrations section of the Insert tab.



**Figure 2.1** Caption of Figure — automatically appears in the List of Figures when that is updated. The ‘figure caption’ style has been applied to this paragraph by pressing Ctrl Shift F.

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# Implementation

The following segment of the report describes how the mobile application, server and database were implemented. The implementation section will give information on chosen IDEs, programming languages and the process of development to solve the project problem. The agile methodology is used for this project thus the implementation section is split into different iterations.

## Implementing the Mobile Application using XCode and Objective C

The chosen integrated development environment is XCode as it provides all the necessary tools and features needed to create mobile applications in IOS. XCode is what Apple recommends to develop IOS applications and Apple includes a great deal of documentation of how to develop applications for IOS in XCode. This IDE can understand languages of C/C++/Obective C and Swift and includes emulators for the most popular mobile devices to test the applications. XCode also includes build in Git Hub version control which can control the changes to the project (Apple Developer 2015).

The chosen language for the mobile application is Objective C

## Iteration 1

The aim of this iteration was implement a working prototype of the mobile application. The first stage involved creating the interface in the Interface Builder in the XCode IDE. The view controllers for the table of drugs and pathogens consisted of a basic table view. The

# List of References

(If any.)

Apple Developer 2015 https://developer.apple.com/xcode/features/

# Appendix A External Materials

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# Appendix B Ethical Issues Addressed

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1. Footnote inserted using Insert Footnote on the References tab. [↑](#footnote-ref-1)