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**School of Computing and Mathematical Sciences**

**CO7201 Individual Project**

**Preliminary Report**

**[Title of your project]**

**[Your name]**

**[Your email address]**

**[Your student ID]**

**Project Supervisor: [XXXX]**

**Principal Marker: [XXXX]**

**Word Count: [XXXX]**

**[Submission Date]**

**DECLARATION**

All sentences or passages quoted in this report, or computer code of any form whatsoever used and/or submitted at any stages, which are taken from other people’s work have been specifically acknowledged by clear citation of the source, specifying author, work, date and page(s). Any part of my own written work, or software coding, which is substantially based upon other people’s work, is duly accompanied by clear citation of the source, specifying author, work, date and page(s). I understand that failure to do this amounts to plagiarism and will be considered grounds for failure in this module and the degree examination as a whole.

Name: [Your name]

Date: [Date of submission]

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# **Aims and Objectives**

// have to add about home care with regards to adult people

Currently, the United Kingdom have been facing crises due to lack of General Practitioner(GP), Doctors and Nurses. According to BBC News 2nd October 2024, it was mentioned that the area that had most patient per GP were Thurrock, Leicester, Blackburn with Darwen, Luton and Melton Keynes and Portsmouth. One of the major problem faced by the patient is with regards to booking the appointment with the GP, followed by the long forms to book the appointment, no availability of the Doctor shown, patient visit the GP due to minor problems , and less consultation/treatment time for each of the patient.

Inorder to address these issues, the main aim of this project is to design/develop An Automated System For Local GPs. The objective of this project is to design an secure, user friendly interface for the patient considering the different age group, availability setting for Doctor/Nurse , home care for adults by booking the nurse, manage the prescription that is prescribe medicine (digitally) and patient will be able to view the prescription and provide digital awareness about minor injuries. This project will improve the patient’s access to the website and also optimize the workload for the Doctor/Nurse.

# **Challenges**

A brief discussion on project relevance/motivations (why is it worth doing it?) and its main challenges.

# **Requirements**

List of requirements, including high-level requirements or aims, and detailed requirements or objectives. You should separate these into essential, recommended and optional.

# **Essential**

# **Recommended**

# **2.3 Optional**

# **Technical Specification**

Technical specifications of the project.

# **Requirements Evaluation Plan**

What criteria to use to evaluate your system or experimental results? Who will be involved in the evaluation? What type of testing will you do to verify the quality of your software? In short, how will you verify that your project achieves what it sets out to do?

# **Background Research and Reading list**

Background material (including a reading list and literature review where appropriate);

# **Time-plan and Risk Plan**

A detailed timetable and plan for achieving the objectives of the project (this could be tabulated or in the form of a Gantt chart), including the milestones of the project and a risk plan; Explain target dates and amount of time required for the completion of aspects of the project

# **References**

The reference list should contain a mixture of books, research papers (if appropriate) and internet resources.