



BSc (Hons) in Computing
Third Year First Semester - 21.1

Faculty of Engineering, Environment and Computing
Coventry University, UK

School of Computing
National Institute of Business Management

Real World Project
Group No - 1
Project Proposal – Group Project

Project Idea Proposal Form

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Group Number: Number 01

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Program:

Faculty of Engineering, Environment and Computing school of Computing Electronics and Mathematics
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Project Details

Project Title

- Advanced E-commerce Pharmacy System

Project Title with Introduction

- Advanced E-commerce Pharmacy System –This web application can utilize during the travel restrictions of Covid-19 and it would be very useful to people who takes daily medicines, urgent medicines. This helps to provide efficient service to patients for their convenience.

Problems Will Be Addressing

- Travel restriction raises to curb this Covid-19 pandemic; hence the patients have no way to buy medicines in emergency cases and also their regular medicines who are suffering from diabetes, cholesterol, heart diseases etc.
- Some medicines should store in ice or other special temperatures and generally people cannot bring them as it is from the pharmacy.
- Some medicines are very rare to find, and it take more cost and time to find them.
- Covid can spread from money when we exchange them at the pharmacy.
- If any patient needs emergency medicine, it took much time to travel pharmacy and bring them.
- It is safest to avoid crowded places to avoid spread this virus. Because many people come to pharmacy.

Proposed Solutions

- This is a fully mobile responsive and user-friendly e-pharmacy app and we have included a delivery system to this web application. Using this pharmacist can monitor and manage all the transactions and stock details. In this covid situation without going to there, customer can buy medicines by sending his prescription or he can buy any other medication items as he wants. Finally, can receive their medicines and other items to their place.

Potential Competitors

- Other pharmacies are not working with online medicine delivery system during these covid pandemic, and they do not use online payment system.

Issues

- It is hard to collect data during these curfew restrictions of covid situation. Need some time to collect data.
- Location tracking issues.
- Some pharmacies are not familiar with new technologies like money exchange via payment gateway and it is hard to introduce them this new system.

Technologies

- .NET Framework, C#, jQuery, Ajax, Popper.Js, JavaScript, Bootstrap, CSS
- Microsoft SQL Server
- SMS Gateway, Email Gateway
- GitHub