PROJECT PROPOSAL

Team Members:

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Project Summary

- Due to the current economic crisis in Sri Lanka, conditions such as transportation and obtaining essential needs are becoming difficult. Apart from that, it's difficult to get essential health services quickly and to benefit from them.so the quick purchase and availability of pharmaceuticals are we all face social problem.

- Therefore, through our group project, this project has been established with the aim of "getting medicines at home quickly and with the social responsibility of saving our life".

- Saving a life is the greatest duty of all of us but in this economic crisis it is difficult to get and use medicines quickly. Apart from that, many lives were lost due to not being able to get timely medicine for the diseased person in due time. When it comes to older people who are feeling extremely sick or cannot walk too far if the location of the pharmacy is further away from their home.

- Finally, this software project is aimed at avoiding the loss of life in the society and quickly getting medicines at home by district voice.

Project Description

2.1 Problem we solved

It is difficult to get transportation facilities during the current threatening period and it is difficult for quarantined patients and people with serious illness to go to pharmacies and get medicines. Also, many lives were lost due to inability to get medicines in a timely manner.

Then, nowadays we spend lot of times with our mobile and internet. we are do our shopping in online shops what we want. for the example dress, food, mobiles, and accessories. but if we want a medicine, we need to spend lot of time for the local pharmacies. elder people also need to travel some kilometer for the medicine, and we can't get medicine in the correct time.

2.2 About the product

Thus, the software is designed with the social objective of saving many lives. The aim of making the software most critical patients get medicines easily and quickly to avoid transportation problems. our product creates a new way forget a medicine in correct time. we are proposing an online pharmacy system to solve the traveling issue and time shortage. it surely helps for the elderly people and workers. They can get medicine what they want in the home on time.
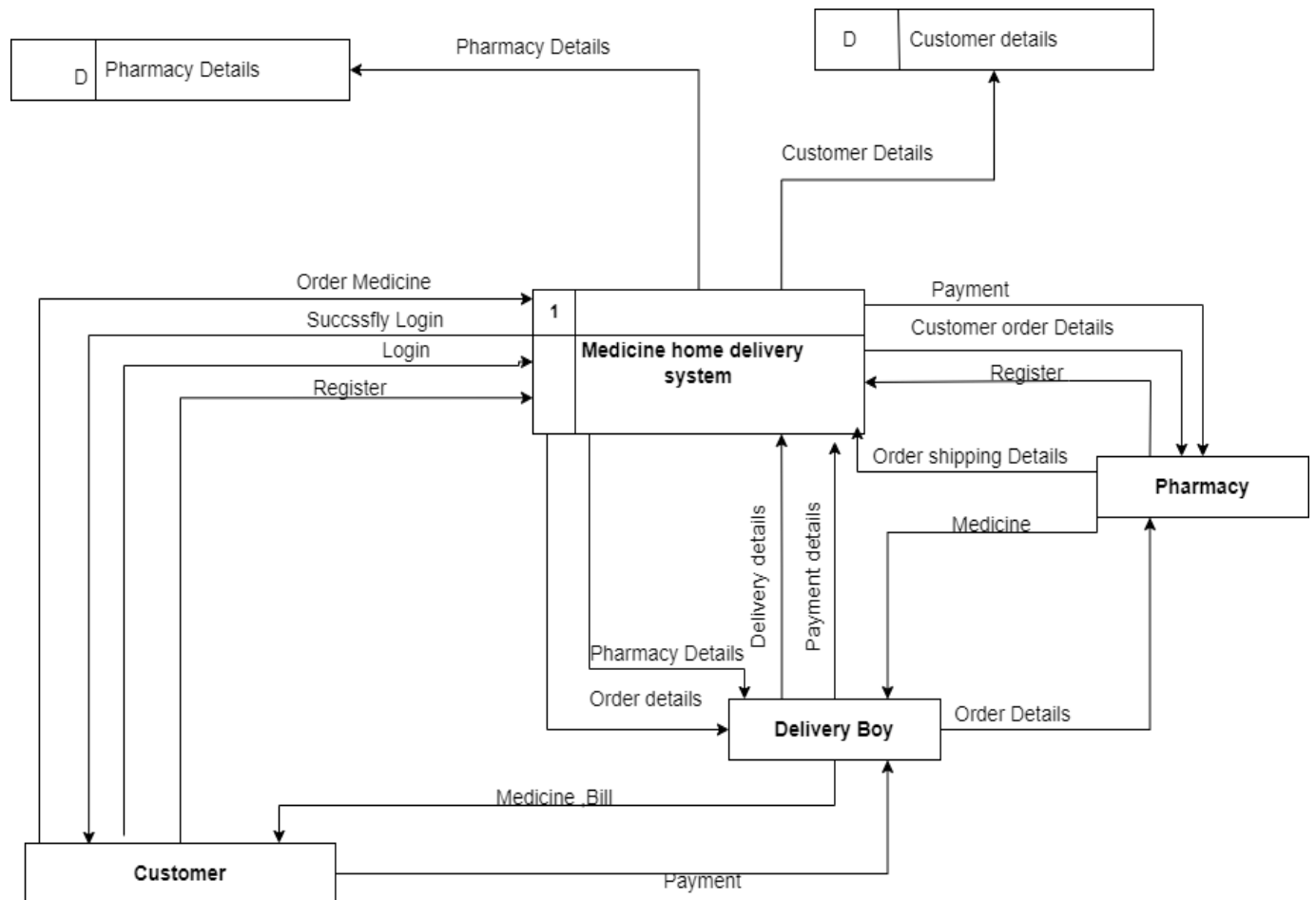
2.3 Unique Features

- In this software system pharmacies can register in our system.
- This software system is designed to be secure and protect the personal information of users without any access to unauthorized users.
- A security system has been introduced in this software system which dispenses medicines only with a doctor prescription from the doctor.
- This software system will home deliver health-giving balms and medicines to your home.

2.4 SWOT Analysis

Strength	Weakness
➢ Products through good quality management before reaching the customer's/pretendent's hands. ➢ Many costumes.	➢ There is no system integration between one part and another. ➢ Customers can't see these products physically. ➢ Still using a normal pc as a server.
Opportunity	**Threads**
➢ There is less competition here. ➢ All the access & browse are fully secured & saved. ➢ We can be easy to reach customer to build relationships.	➢ It's a startup Medicine delivery software and no previous success stories.

Market Analysis or DFD Diagram

Pharmacy Details

D Pharmacy Details

D Customer details

Pharmacy Details

Customer Details

Order Medicine

Succssfly Login

Login

Register

1

Medicine home delivery system

Payment

Customer order Details

Register

Order shipping Details

Pharmacy

Delivery details

Payment details

Medicine

Pharmacy Details

Order details

Delivery Boy

Order Details

Medicine ,Bill

Customer

Payment

3.1 Competitor Analysis

	Health x	OsuSala Online	pack pill	Neighborecare (Our Software)
Features				
Commercial version	Yes	Yes	Yes	Yes
Upload doctor prescription	Yes	Yes	Yes	Yes
Register pharmacies	No	No	No	Yes
Capability to use offline	No	No	No	No
Suggest pharmacies	No	No	No	Yes
Emergency Delivery	No	No	No	Yes
Technology & Infrastructure				
IOS Compatible	Yes	Yes	Yes	Yes
Android Compatible	Yes	Yes	Yes	Yes
Windows compatible	Yes	Yes	Yes	Yes

Product Development

4.1   Minimum Viable Product (MVP)

Date of release :7th December ,2022

1. User can register with email.
2. User can login with Username and Password.
3. User can choose pharmacy if they want.
4. User can add doctor prescription.
5. User can choose delivery option.

4.2   Future Features

➢ In this software can easily log and make booking for blood tests from home.
➢ Also, blood pressure monitoring causes can be registered, and treatments can be done from home.
➢ Also, insulins for diabetic patients will be registered and delivered at home.
➢ Insulins for dog bites can be booked and delivered from home and treatments can be done from home.

Work distribution and operational plan

M.Dhanushika	Project Documentation, UX and UI design, Project planning, system modeling and design, software testing
T. Udhayaranjan	Project planning, Feasibility analysis, Requirement gathering, system modeling and design, software testing
N.Navaamshan	Project planning, Research, Requirement gathering, implementation constraints, software testing
N. Kuganeshan	Project planning, Research, system development, software validation, software testing, software maintains

Activities	Oct	Nov	Dec	Jan	feb
Existing problem, propose solutions	✓				
Software requirement specification and research, Technology planning, project documentation	✓				
Software Designing		✓			
Development, Testing		✓	✓	✓	
Demonstration of project					✓

Milestones and Reporting

Milestone	Responsibility	Milestone Deliverables	Deliverable Date
Milestone 1: Project Proposal Submission		Literature review Existing problem Propose solutions Technology planning	03-10-2022
Milestone 2: Software Requirement Specification (SRS)			03-11-2022
Milestone 3: Progress Review presentation			2nd December to 5th December
Milestone 4: Report submission		Architectural Diagram UML Diagram Test case Document	31-12-2022