

# Project Proposal

## Objective

The main objective of this project is to fill the information gap between pharmacies and their customer by providing a web based application that will help the stores to make information about their products public and on the other hand an interface users can search a prescribed medicine and select a store which is appropriate for them.

## Problem Statement

In our city(*Addis Abeba*) there are numerous governmental and private owned pharmacies that aim to answer to the needs of their consumers. As we all know there is a huge gap of information accessibility regarding the presence of a specific medicine at a specific store and this in turn forces their customers to sacrifice their time and money in searching a prescribed medicine in the city without any information whether the desired medicine is present at the stores or not. According to our own experience this is a very aggravating and irritating process to both the patient and their loved ones.

## Proposed Solution(*System*)

We intend to fill this gap by providing a web based application where both end of the pharmaceutical business (*i.e the stores and the customers*) will highly benefit from. Our proposed system will provide an interface to the stores that will enable them to provide information about their stores , what kinds and quantity of pharmaceutical products are available in their store. Customers will be provided with interface that will enable them to be able to search for a specific pharmaceutical product , compare the search results by price or by proximity and obtain enough information to make a time and money saving decision.

## Main Features

After our system is implemented :

- Stores will create their own profile(*information about their location ,staff members etc...*) Stores will be able to create a list of available products and other additional information
- Users will be able to search for a specific product
- Users will be able to compare the results by price
- Users will be able to view the full profile of the stores
- Stores will be able to update products which are already been registered in the system.

## Additional Features

After our system is implemented :

- Users might be able to add comments about the stores
- Users might be able to rate the stores
- Users might be able to use the ratings to compare their search results
- The system will notify the Store when a user views their profile
- The system will notify the Store when the registered product expires

- The system might be able to notify Stores when many users frequently checks for the same product.

## Conclusion

In this project we intend to deliver a compact and simple to use web application that will be beneficial to both the pharmaceutical stores and the consumers that will streamline the process of pharmaceutical product transaction

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Nov, 2018.