SE 216 -SOFTWARE PROJECT MANAGEMENT-

SPRING 2023-2024

PROJECT PROPOSAL

FindMyMeds.com

Problem Definition

The challenges in acquiring medication can arise when individuals struggle to find their prescribed drugs at local pharmacies, leading them to turn to online sources where the risk of purchasing counterfeit medicines is high. Additionally, treatments can be compromised when medications are unavailable, disrupting healthcare management and causing heightened anxiety and frustration among patients reliant on timely access to medication.

Addressing the challenges faced by elderly or bedridden patients in accessing their medications is important, considering the potential repercussions of delayed or inaccessible treatments. In many cases, caregivers may not be constantly present, leaving patients vulnerable during times of need. Furthermore, in emergency situations, swift access to medications can be critical for ensuring optimal health outcomes.

Background Information

Our goal with this project is to address a problem that almost everyone has faced. Which is not knowing if the pharmacy has their medicine unless they call the said pharmacy or go there themselves. Which causes time loss and frustration. We aim to resolve these issues that people face in their daily lives by creating a website that shows the locations and stocks of nearby pharmacies. We shall acquire the required information to take on this project by giving the pharmacies the ability to register their business within our website.

Furthermore, recognizing the specific needs of elderly or bedridden patients who may struggle with accessing medications, we plan to integrate a deliveryman system into our website. This system will enable patients to request medication delivery directly from nearby pharmacies, ensuring timely access to essential medications even in emergency situations. Through these initiatives, we aim to enhance healthcare management and improve patient experience by offering reliable and convenient solutions for medication acquisition.

Objectives

-Develop and succesfully launch a user friendly website for providing real time information on medication stocks and availabilities at nearby pharmacies.

-Implement regular updates and some optimizations to the website by user feedback with goals.

-Compile and maintain a database of at least 50 registered pharmacies, with their locations and current medication stocks.

-Reduce purchasing of counterfeit medications by providing access to verified pharmacy information with an outcome of decrease in online and illegal purchases of counterfreit medications.

- Integrate a deliveryman system into the website to facilitate medication delivery, particularly catering to the needs of elderly or bedridden patients, thereby ensuring timely access to medications in routine and emergency situations.

Names and Github Accounts

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