INTRODUCTION:

This, a user friendly medical software, is ready for your service. This software has feature to search medicines by name, by disease category and also by most commonly usage. We have the facility to deliver your medicines at your door step. Our objective is to help senior citizens, single parents, physically challenged people or the busy officials to get their needy medicines within 24 hours. We have clear description, usage and doses of every medicines certified by medical experts.

PURPOSE:

Keeping in mind the high demand of online medicine supply we came up with a solution of providing doorstep medicine supply for the people in need. Our target customer comprises of senior citizens, physically challenged people, single parents, busy officials and people belonging to remote areas. We believe that this project can bring a greater impact to our society.

PLATFORMS TO BE USED:

1. **Android Studio** - Android Studio offers a feature-rich code editor with intelligent code completion, syntax highlighting, and code navigation. It assists developers in writing and editing code efficiently, reducing the chances of syntax errors and providing suggestions for auto-completion.
2. **Photoshop** - Photoshop allows designers to create the app's User Interface (UI) by drawing, arranging, and styling various elements such as buttons, icons, navigation bars, and widgets.
3. **Digivante** - Digivante leverages its crowd of real-world testers from different geographic locations, devices, and network environments to perform testing. This ensures that the app is tested under various scenarios, replicating real user conditions.
4. **MS Word** - MS Word provides various formatting options to structure and organize your synopsis effectively. You can use headings, subheadings, bold text, italics, bullet points, and numbered lists to create a clear and visually appealing synopsis. Similar to writing a synopsis, MS Word provides tools for organizing and structuring the SRS document into different sections, such as introduction, scope, functional requirements, non-functional requirements, etc.
5. **SQL Lite** - SQLite allows app developers to store structured data within the app itself. It provides a simple and efficient way to manage data locally without the need for an internet connection or a centralized server.

FEASIBILITY STUDY:

1. Economic Feasibility: We have used programming languages such as HTML, CSS, JavaScript, Certain JavaScript frameworks, Kotlin and SQL. These commonly used programming languages makes the project budget friendly. In case of further modification of the platform, a large number of developers are present in the market.
2. Technical Feasibility: Our team has expert members to make this project within a month. Additionally we have expertise on various software like HTML, CSS, Kotlin, MySQL etc. which makes it easy for developers to modify.
3. Operational Feasibility: Our daily busy schedule makes this project in demand to get medicines handy in our house. We have a dedicated team to provide maintenance service.
4. Legal Feasibility: We have license for our product which valid it legally. Also we have copyright for our product which will protect our software to be cloned and make a duplicate for it.

PLANNING OF WORK:

* Designing the basic pictorial layout of the software that the technical team is going to develop.
* After developing the basic pictorial layout, we will develop the front-end part of the software by using Android Studio along with other programming languages like HTML, CSS, JavaScript and other framework of JavaScript.
* After completion of the front-end work, we have to go for the testing round where we would look after the proper working of the front-end functionalities of the software.
* After the testing round of the front-end work we would go for the back-end part of our software. In the back-end section we would be using programming languages like Kotlin and SQL for database.
* Kotlin is being used because it has a greater developer base in comparison to other programming language. So if the software is made open sourced in future then it could be easily modified.
* After the completion of the back-end work we would go for the final testing phase of our software where we would be testing each and every minute details of the functionalities of the platform that we created.
* In case a bug is reported, our technical team would fix it as early as possible so that the project runs smoothly.
* After the testing phase we would hand over the software to the client.

REFERENCES:

1. Smith, J. R. (2005). The Art of Software Development. Software Publishing House.
2. Johnson, L. M. (2018). Agile Software Development: Best Practices for Rapid Deployment. Journal of Software Engineering, 42(3), 102-120.
3. Brown, A. (2022). User-Centered Design for Software Developers. Developers' Corner. <https://www.developerscorner.com/user-centered-design>