

Online Herbs & Fruits

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Abstract— This project helps the users in curing its disease by giving the list of fruits and herbs that the user should consume in order to get rid of its disease. The main purpose of this project is to help the user to easily search for herbs and fruits that will be good for the health of the user depending on any health issue or disease that he/she is suffering from. This system helps the user to reduce its searching time largely by allowing the user to enter its health problem and search accordingly. The admin can add fruits and herbs to the system and its information. This system also allows the user to view the selected fruit or the herb's description, which describes how the fruit or the herb will help to improve the user's health. Thus, this system helps to improve health by suggesting fruits or herbs depending on the disease entered by the user.

Keywords: Fruits, Herbs, Health, wellbeing, Fruits, Nutrition, Proteins, Disease, Cure, Patient, Online Herb & Fruit.

INTRODUCTION

Being that people are now very concerned about their health and most people are now using herbs to as a mean of cure to their sickness. Currently herbal medicine has found its way as an alternative to orthodox medicine, which is the oldest and most widely used system of medicine in the world as of today. When herbal practitioner uses an electronic system to collaborate, it system shapes their interaction.

Online collaboration tools to enable dispersed herbal practitioner to collaborate on ideas. The developer of an online Herbal Prescriber Database, his system an online database of herbs, ailments, and the corresponding uses but no pictorial for easy identification. An enhancement introduced to provide herbal prescriptions for a certain disease.

It gives an option to the user whether to explore through selecting or searching an herb or ailment. Each herb includes a brief information, dosage and ailments treated. Each ailment on the other hand includes its description along with its treatment plan. Furthermore, it provides a list of recommended herbal remedies. For centuries, herbal medicines were the primary methods to administer medicinally active compounds.

The Online Herb & Fruit App project needs to organize the products record and the other information about the customers. This system also allows the user to view the selected fruit or the herb's description, which describes how the fruit or the herb will help to improve the user's health. Thus, this system helps to improve health by suggesting fruits or herbs depending on the disease entered by the user

PROJECT CONCEPT

The Online Herb and Fruit project needs to organize the products record and the other information about the customers. The android version of the proposed project can be built for users to efficiently do online shopping

can that module fell under the category of android final year projects? The main purpose of this project is to help the user to easily search for herbs and fruits that will be good for the health of the user depending on any health issue or disease that he/she is suffering from. Being that people are now very concerned about their health and most people are now using herbs to as a mean of cure to their sickness. No matter how much advancement takes place or latest technology, get introduced. The place of herb usage will never get old. In everyday busy life, finding herbs is not an easy task.

PROJECT DESIGN

This chapter gives a detailed outline of the software development methodology used in this project following up the various existing software development methodology. The strength and weaknesses of the chosen methodology have been outlined. Further, the functional and non-functional requirements of the system are explained in detail and the use cases, which are a list of steps, typically defining interactions between a role and system, to achieve a goal.

- It allows for development of high-risk or major functions first
- Each release delivers an operational product
- Customer can respond to each build
- Uses “divide and conquer” breakdown of tasks
- Lowers initial delivery cost
- Initial product delivery is faster
- Customers get important functionality early
- Risk of changing requirements is reduced

SYSTEM ARCHITECTURE

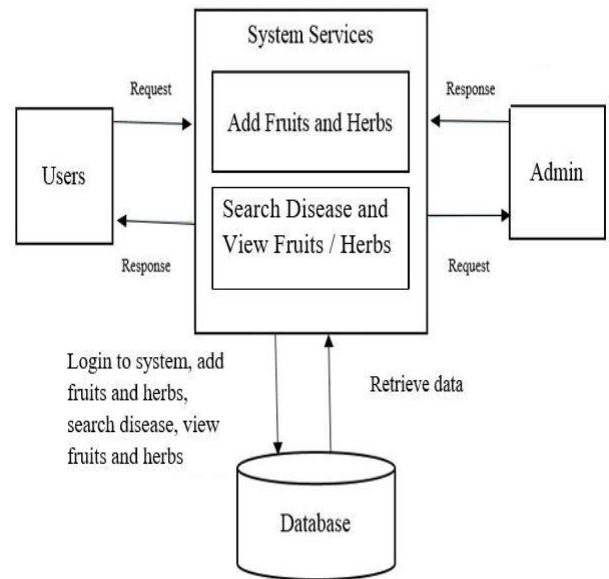


Fig No 1: Basic Architecture of the system

PARALLEL DEVELOPMENT APPROCH

This model of methodology attempts to address the problem of long delay between analysis phase and the delivery of the system. Instead of doing design and implementation in sequence, it performs a general design for the whole system and then divides the project into a series of distinct subprojects that can be design and implemented in parallel. Once all subprojects are complete, there is a final integration of the separate pieces, and the system delivered.

DEVELOPMENT TOOLS

I. Android Studio

Android Studio is the official integrated development environment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is

available for download on Windows, macOS and Linux based operating systems. It is a replacement for the Eclipse Android Development Tools (ADT) as the primary IDE for native Android application development. Android Studio supports all the same programming languages of IntelliJ (and Clion) e.g. Java, C++, and more with extensions, such as Go and Android Studio 3.0 or later supports Kotlin and all Java 7 language features and a subset of Java 8 language features that vary by platform version. External projects backport some Java 9 features. While IntelliJ that Android Studio is built on supports all released Java versions, and Java 12, it's not clear to what level Android Studio supports Java versions up to Java 12 (the documentation mentions partial Java 8 support). At least some new language features up to Java 12 are usable in Android.

II. MYSQL

MySQL is free and open-source software under the terms of the GNU General Public License, and is also available under a variety of proprietary licenses. MySQL was owned and sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems (now Oracle Corporation).

In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL project to create MariaDB. MySQL is a component of the LAMP web application software stack (and others), which is an acronym for Linux, Apache, MySQL, Perl/PHP/Python. MySQL is used by many database-driven web applications, including Drupal, Joomla, phpBB, and WordPress. MySQL is also used by many popular websites, including Facebook, Flickr, MediaWiki, Twitter, and YouTube.

MySQL is offered under two different editions: the open source MySQL Community Server and the proprietary Enterprise Server. MySQL Enterprise Server is

differentiated by a series of proprietary extensions which install as server plugins, but otherwise shares the version numbering system and is built from the same code base.

SYSTEM WORKFLOW

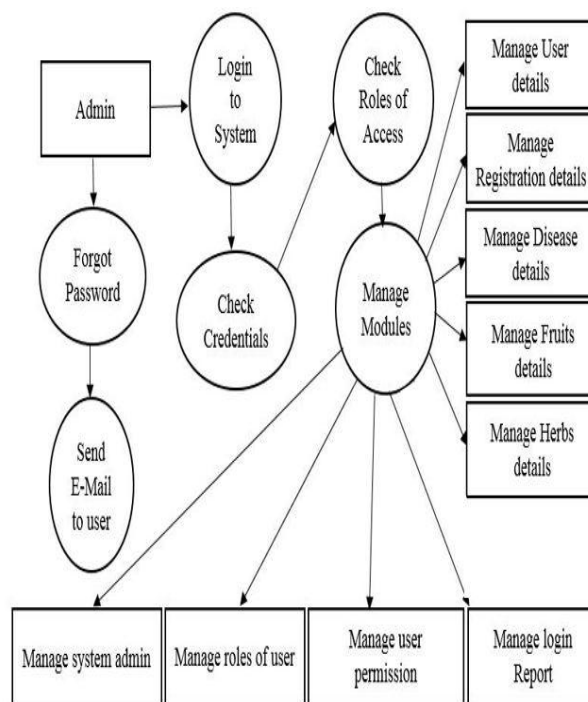


Fig No 2: Workflow of the system

DATA FLOW DIAGRAM

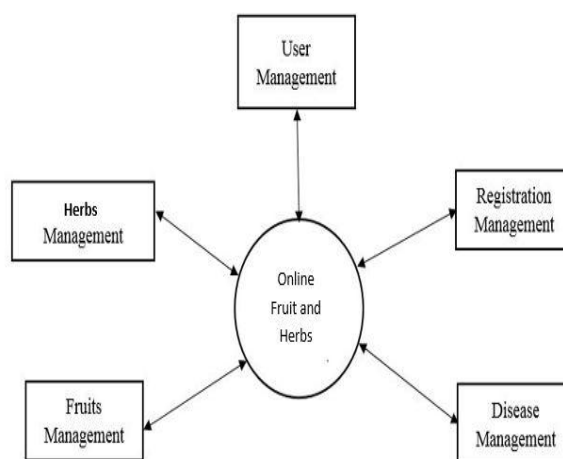


Fig No 3: Data Flow Diagram

APPLICATIONS

1. Everyone who wants to search fruits and herbs based on disease.
2. All individuals who have any kind of disease and finding some fruits and herbs to cure it or want to get relief.

ADVANTAGES

1. Quick, easy and paperless.
2. Top quality service. Safe and reliable.
3. Multiple options for selection.
4. Creating & Changing Issues at ease.
5. Simple Status & Resolutions.
6. Multi-level Priorities & Severities.
7. Attachments & Additional Comments for more information.
8. Accuracy in work.
9. Decrease the load of the person involve in existing manual system.
10. Access of any information individually.
11. Work becomes very speedy.

LIMITATIONS/CONSTRAINTS

1. Requires Internet connection.
2. Requires Android Smart Phone.

CONCLUSION

The development of the software includes so many people like user system developer, user of the system and the management, it is important to identify the system requirements by properly collecting required data to interact with the system. Proper design builds upon this foundation give a blue print, which is actually implemented by the developers. This project helps the users to cure their disease by providing them the list of fruits and herbs

that require consumption, in order to get rid of disease. This project helps the user by providing easy access and search for herbs and fruits that will be good for the health of the user depending on any health issue or disease that he/she is suffering from. On realizing the importance of the systematic documentation all, the processes are implement using a software engineering approach. Working in a live environment enables one to appreciate the intricacies involved in the System Development Life Cycle (SDLC)). We have gained a lot of practical knowledge from this project, which we think, shall make us stand in a good state in the future.

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