Software Requirement Specification Document

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1 Introduction

1.1 Purpose of this document

Is identify the project pounders and describe functionality of project and intended audiences anyone who want to future develop our web application

1.2 Scope of this document

Our customers are the pharmacies and the normal user

1.3 Overview

Our project aims to guide our user to the nearest pharmacy containing medicine and to provide pharmacies with documentation about there patients and provide patients with id to provide a patient history for any pharmacy

1.4 Business Context

Advertisements
yearly subscription of pharmacies

2 General Description

2.1 Product Functions

Our project (ADwytee) helps people to reach the medicine they seek in the fastest way possible, help pharmacists to find more customers by connecting as many as pharmacies to our database server, help the customer to find the nearest pharmacy has the desired medicine and find more info about the medicine , the pharmacy ,and help pharmacies to keep track of patient history .. etc

2.2 Similar System Information

Standalone project

2.3 User Characteristics

Normal people ,pharmacies and companies(normal users) developer(we will provide an API that allows the developers to create applications that it compatible with our servers for future developments)

2.4 User Problem Statement

Medicine lack, high search time for medicine , the difficulty of finding alternatives for certain medicine

2.5 User Objectives

Find medicine in nearest pharmacy with high precision with least effort and find possible alternatives

2.6 General Constraints

Provide easy user interface with least complexity provide API compatible with multiple platforms

3 Functional Requirements

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4 Interface Requirements

Our software will provide an API so it will provide an access for any other software development

4.1 User Interfaces

The interface with user will be easy and simple to insure that he will find the medicine

4.1.1 GUI

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4.1.2 CLI

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4.1.3 API

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4.1.4 Diagnostics or ROM

Appache

4.2 Hardware Interfaces

None

4.3 Communications Interfaces

Will mainly relay on network connection

4.4 Software Interfaces

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5 Performance Requirements

None

6 Design Constraints

Must be easy to use interface with simple adds included

6.1 Standards Compliance

6.2 Hardware Limitations

6.3 others as appropriate

7 Other non-functional attributes

Database access from pharmacies

7.1 Security

7.2 Binary Compatibility

7.3 Reliability

7.4 Maintainability

7.5 Portability

7.6 Extensibility

7.7 Re-usability

7.8 Application Affinity/Compatibility

7.9 Resource Utilization

7.10 Serviceability

7.11 others as appropriate

8 Preliminary Object-Oriented Domain Analysis

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8.1 Inheritance Relationships

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8.2 Class descriptions

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8.2.1 Class name

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8.2.2 List of Superclasses:

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8.2.3 List of Subclasses:

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8.2.4 Purpose:

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8.2.5 Collaborations:

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8.2.6 Attributes:

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8.2.7 Operations

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8.2.8 Constraints:

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9 Operational Scenarios

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10 Preliminary Schedule Adjusted

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11 Preliminary Budget Adjusted

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12 Appendices

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12.1 Definitions, Acronyms, Abbreviations

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12.2 Collected material

13 References