

Software Design Document

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1 Introduction

1.1 Purpose

This software design document describes the architecture and system design of (Adwytee)

1.2 Scope

Our project will target mainly three users (Normal User, Pharmacy and company)

Normal User

1-he will be able to search for a certain medicine on our web application and our database server will provide him with the location of the near pharmacies in ascending order

2-he will be able to track certain medicine and server will notify him whenever its available

3-he will be able to set schedule and server will notify and provide him with the the available pharmacies

4-he will be able to view alternatives in ascending according to the highest recommendation

Pharmacy

1-registered pharmacies will be able to provide users with their location and brief details about the pharmacy

2-it will provide the server with available medicines real time

3-it will be able to add or remove medicine from its database

4-it will be able to add new medicine to the database and provide brief details about it

5-pharmacy will be able to edit medicine info

6-pharmacy will be able to set alternatives to medicines

Company

1-company will be able to add medicine

2-company will be able to lock an owned medicine to prevent editing

1.3 Overview

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1.4 Reference Material

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1.5 Definitions and Acronyms

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2 System Overview

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3 System Architecture

3.1 Architectural Design

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3.2 Decomposition Description

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3.3 Design Rationale

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4 Data Design

4.1 Data Description

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4.2 Data Dictionary

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5 Component Design

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6 Humnan Interface Design

6.1 Overview of User Interface

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6.2 Screen Images

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6.3 Screen Objects and Actions

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7 Requirements Matrix

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8 APPENDICES

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9 References