1. Introduction

1.1. Purpose

describing this document and how it will help implement the Keller-Williams Family Check-in System.

1.2 Scope

The scope of KWFCS is to allow keller-williams staff members to sign into a single interface that will record contact between staff and brokers.

1.3 Document Organization

<table with index of document>

1.4 Audience

1.5 Acronyms + other BS

2. Design Overview

2.1 Approach

<4 steps copy pasted from pdf example>

2.2 Architectual Goals and Constraints

describe ways this program will be used by the client in final production

2.3 Guiding Principles

define guiding principles, then list some of them

2.3.1 Functionality First

2.3.2 Scalable

2.3.3 Responsive Design

2.3.4 Easy to Use

2.3.5 Connecting KW Family

2.4 Design Patterns

Describe design pattern for MVC and test-driven design

\* Views

\* Controllers

\* Unit testing

\* Models

\* Interfaces

\* Object Oriented

\* Templates

\* DRY principles (do not repeat yourself)

2.5 Design Principles

<copy after pdf example>

\* step 1 is what the client needs to run the program

\* step 2 business practices are part of the design processing

3. Use Cases

<diagrams for admin, staff, broker>

4. Application Architecture

Describe application architecture

<diagram of MVC design>

describe the parts of MVC

<site map>

describe the views

<class diagram>

describe class properties/methods/inheritance

5. Application Implementation

<diagram of directory structure>

describe how the css etc is connected

6. Database Architecture

describe what type of database is being used

6.1 describe what a data model is and then <graphic of data model>

6.2 describing the tables of the data model, categorizing them into which groups they're relevant to

6.3 Querying solution example

7. Assumptions and Constraints

<table of assumptions and constraints>

“People will need a computer to use it”

windows 7 or later versions

Appendix A: acronyms, abbreviations, terms, and definitions

<giant table of basic definitions for even things as simple as HTML>

Appendix B: products and tools

<table of versions of software being utilized>

Appendix C: Configuration files

list some of the known basic required files (\*IF we even need this to get to page count)

Appendix D: Data dictionary

<table with information about fields from data dictionary>