**Software Design Specification**

**for**

**OpenHMIS Client Intake**

**Developer Example App**

**Version 1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Name*** | ***Date*** | ***Reason For Changes*** | ***Version*** |
| Saravanan Shanmugam (Saro) | 01/16/2014 | Initial Document | 1.0 |
| Karl Fogel | 01/30/2015 | Simplify and narrow down the requirements,  as per phone discussion today. | 1.1 |

# **Review and Approval List**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Name*** | ***Date*** | ***Reviewed*** | ***Approved*** | ***Notes*** |
| Bill Matson | 1/21/15 | X |  | Need signoff from Rodger/Raji and agreement from Dave |
| Rodger Huang |  |  |  |  |
| Raji Akkineni |  |  |  |  |

# **Reviewer List**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Name*** | ***Date*** | ***Reviewed*** | ***Notes*** |
| Dave Totten |  |  |  |
|  |  |  |  |

# **1. Objective**

To create a simple example application that gives developers a working example of how to use the OpenHMIS API v2 (including authentication methods) in code, and of the correlation between user interface fields and API usage in OpenHMIS.

This is *not* meant to become a production application. Its intended audience is developers interested in learning the OpenHMIS API. While it is possible that this application will be further extended in the future to demonstrate more of the API or to provide more UI examples – for example, it might be extended to include reports generation – such extensions are not expected for the initial deliverable.

# **2. Project Deliverables**

A web-based application that enables a user to

* Connect to a server that supports the OpenHMIS API v2;
* Authenticate with read/write access via OAuth;
* View, edit, add, and delete Client records, with UI supporting the fields listed in section 3.

# **3. User Interface: Supported Client Fields**

|  |  |
| --- | --- |
| ***Associated page*** | ***Field Required*** |
| General | First Name, Last Name |
| General | Veteran |
| General | DOB/Approximate age |
| General | Gender |
| General | Race |
| General | Ethnicity |
| General | SSN |
| Residence | Street Address |
| Residence | City |
| Residence | State |
| Residence | Mobile |
| Residence | Email |
| Residence | City |
| Residence | County |
| Residence | State |