**Software Design Specification**

**For**

**OpenHMIS Client Intake**

**Developer Example App**

**Version 1.1**

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|  |  |  |  |
| --- | --- | --- | --- |
| ***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 |  |  |  |
|  |  |  |  |

# **Change Requests**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Requestor (Name)*** | ***Request Date*** | ***Change Request Summary*** | ***Approved or Denied*** | ***Notes*** |
|  |  |  |  |  |
|  |  |  |  |  |

# **1. Objective**

To create a simple example application for developers, to enable them to see the OpenHMIS API v2 (including authentication methods) being used in code, and to see a very basic correlation between the API usage and UI actions.

Note that this is *not* meant to become a production application. Its intended audience is developers who want to see how to use the OpenHMIS API, *not* users or organizations who are considering adopting OpenHMIS software or standards. It is also possible that this application will be further extended in the future, in order to demonstrate more of the API – for example, the app might be extended to include reports generation. However, such features are not contemplated for the initial deliverable.

# **2. Project Deliverables**

A web-based application that enables a user to

* Authenticate to a server that responds to the OpenHMIS v2 API;
* TODO WORKING HERE The a

1. A new webpage created in Java
2. Separate web application to showcase the developers on how the application is connected with API and database
3. Client Intake Demo SDS document (this document).

# **3. Functional Specifications**

1. Write a webpage in Java to show fields from General page and Client Status Page by connecting to the Core API. Use the Oauth component to user credentials and logging in.
2. We should also use the API and database connection to pull or view reports based on the user entry or Client information.
3. A hello world demo to new developers on how the application is connected to both API and database.

# **4. User Interface Requirements**

|  |  |
| --- | --- |
| ***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 |

# **5. Other Nonfunctional Requirements**

No other new security requirements.

# **6. Reporting Requirements**

# Assessment reports should be updated with most current information entered into system

1. Data should be available in export (csv) format
2. Additional requirements will be developed if necessary.

# **7. Support Deliverables**

* Training
* Documentation for Users