**Software Design Specification**

**For**

**OpenHMIS Client Intake Demo for Third Party/Volunteer Programmers**

**Version 1.0**

**Saravanan Shanmugam**

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| --- | --- | --- | --- |
| ***Name*** | ***Date*** | ***Reason For Changes*** | ***Version*** |
| Saravanan Shanmugam (Saro) | 01/16/2014 | Initial Document | 1.0 |
|  |  |  |  |

# **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*** |
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|  |  |  |  |  |

# **1. Introduction**

## **1.1. Objectives**

To create a simple Client Intake Demo that shows how it looks to the programmers on entering client data into the system and then easily view or report on client information. Programmers need an example app to decide if they want to get involved in the project.

## **1.2. Project Scope**

1. Create a webpage to support changes needed to meet the Objectives 1.1

* + - * 1. Web page should be connected to OpenHmis2 Cloud Sql database.
        2. This application should be connected to the core API and Oauth component
        3. Privilege for the user to view client data.

# **2. Project Deliverables**

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