

ICON

DDAS Web Application Integration with iSprint

Brief Business Requirements

Rev 0

13 Dec, 2017

Prepared by:

Clarity Information Technologies Pvt. Ltd.

Tel: +91-080-2529 1698, 4115 5410

Email: mail@claritytechnologies.com

Revision History

Revision	Date	Sections Changed	Summary/Description of Change	Author(s) of Change
1	Dec/13	All	First Release	Johnly Sam/Patrick

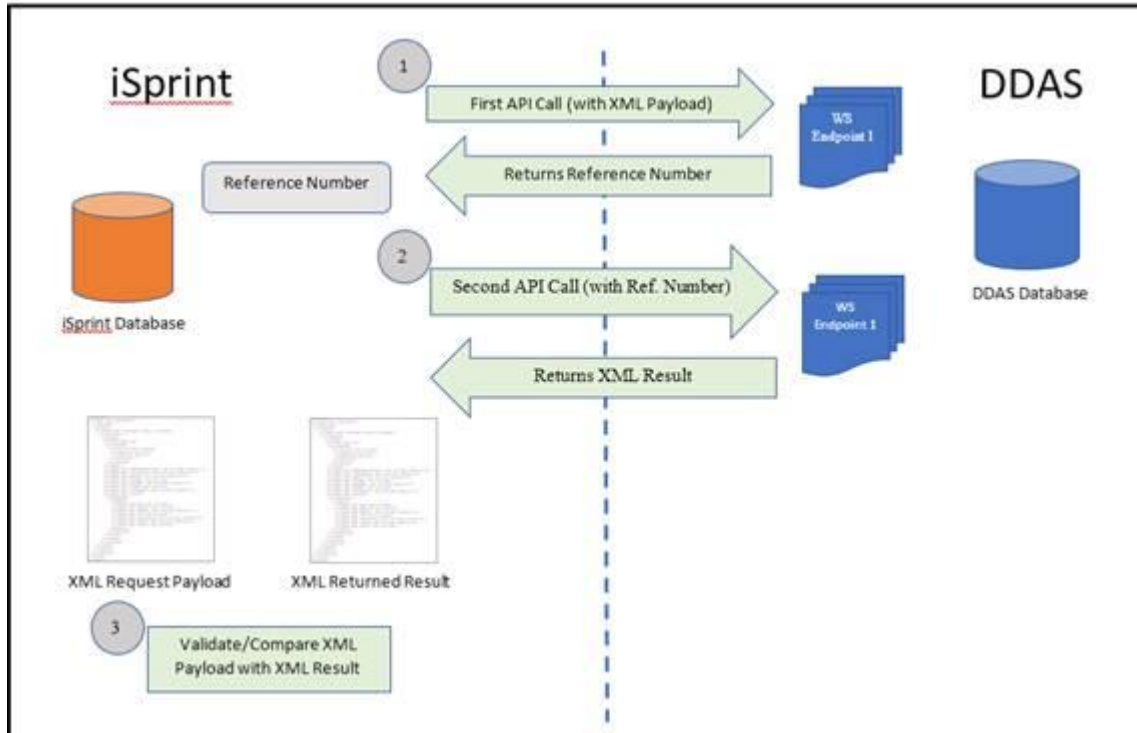
Requirements

The existing DDAS Web application needs to be integrated with Web Services provided by iSprint so that data can be exchanged between iSprint and DDAS applications.

1. Provide arrangements to transfer from iSprint to DDAS Application
 - a. Provide a Web Service Endpoint so that iSprint can transfer ICSF data to DDAS.
 - b. Provide a Web Service Endpoint to enable iSprint to verify that the data transmitted by iSprint to DDAS is accurately stored in DDAS.
 - c. Provide a Log of all data received from iSprint.
2. Provide facility to store incoming ICSF data from iSprint and automatically generate Search Results
3. DDAS to display the ICSF forms received from iSprint so that the DDAS user can pick a form and carry out Compliance Review
4. Provide a facility for the Admin to assign ICSF forms received from iSprint to any DDAS application user.
5. Provide a facility for the Admin to set 'allow / disallow DDAS users to pick a ICSF Form for review'.
6. Provide arrangements to transfer Compliance Form data from DDAS to iSprint Application
 - a. Provide functionality to transfer Compliance Form data to iSprint. The DDAS Admin must be able to select a Compliance form and transfer the data to iSprint.
 - b. Verify from iSprint that the data transferred from DDAS to iSprint is accurately stored in iSprint.
 - c. Provide a Log of all data transmitted to iSprint

Proposed Solution

The existing DDAS Web application will be integrated with Web Services provided by iSprint so that data can be exchanged between iSprint and DDAS applications.



1. Data Transfer from iSprint to DDAS Applications

- DDAS application will provide a Web Service End point to receive authentication credentials. iSprint will supply the authentication credentials and will receive a confirmation token.
- iSprint will supply the previously received token to DDAS Web Service along with request payload.
- DDAS application will provide a Web Service Endpoint so that iSprint can transfer ICSF data to DDAS and receive a unique Id as an acknowledgement.
- DDAS application will provide a Web Service Endpoint which will return the data previously received from iSprint. DDAS

will return the data against the previously generated unique Id. iSprint application can use this facility to confirm that the data sent by iSprint is accurately stored in DDAS .

- e. DDAS will Log all requests received from iSprint.
2. Facility to store incoming ICSF data from iSprint and automatically generate Search Results
 - a. The application will store the Compliance Form Data and generate Search Results.
 - b. The application will list the Compliance Form Data along with received date. This list can be viewed only by Admin.
3. The Application will display the ICSF forms received from iSprint so that the DDAS user can pick a form and carry out Compliance Review. The selected record will be removed from the list and can be reassigned by Admin to another user.

Ref. No.	Investigator	Project Number	Select
1234	David Brown + 3	1234/5688	Select
1235	Tom Hijjins	3456/4567	Select
1236	Ravi Sharma + 1	6677/8899	Select

4. Facility for the Admin to assign ICSF forms received from iSprint to any DDAS application user will be provided.
5. Facility for the Admin to set 'allow / disallow DDAS users to pick a ICSF Form for review' will be provided.

6. Data Transfer from DDAS to iSprint Applications
 - a. Functionality to transfer Compliance Form data to iSprint will be provided. The DDAS Admin must be able to select a Compliance form and transfer the data to iSprint.
 - b. Log of all data transmitted to iSprint will be provided.

System Requirements

1. iSprint Application must provide a Web Service End Point for submitting completed Compliance Form data. iSprint must confirm successful data transfer by returning a unique Id.
2. iSprint Application must provide a Web Service End Point to enable DDAS to make a request to iSprint to return the data that was previously sent. DDAS application will use this end point to confirm that the data has reached iSprint.

Related Information

1. The RTM file 'iSprint2DD RTM v1.00.xlsx' (Source target mapping information from iSprint to DDAS)



iSprint2DD RTM
v1.00.xlsx

2. The RTM file 'DD2iSprint RTM v1.00.xlsx' (Source target mapping information from DDAS to iSprint)



DD2iSprint RTM
v1.00.xlsx

3. Details of Request Payloads.



DDAS_Input
Attributes.xlsx



DDAS_Output
Attributes.xlsx



DDout.xsd



DDin.xsd