

## CSCC01 Deliverable 4 Testing Document

### Unit Testing:

Component	User Story/Task	Testing Status	Notes
CSVParser	5/12	Done	Group13.adam.parser
InsertDB	1/2	Done	Group13.adam.db
ErrorPrevention	2/4	Done	Group13.adam.validation
SqlQuery	3/5,6	Done	Group13.bob.sqlite

### Acceptance Testing:

To display the acceptance testing, we will walk through a demo and show off the different user stories which are active in the application, as well as steps to recreate the demo. Please note that some user stories that appear in this demo but are not 100% complete (i.e. frontend is displayed but backend is not complete)

Step 1: run mvn package in ~/project-icare/icare-client and ~/project-icare/icare-report folder

Step 2: run mvn exec:java in ~/project-icare/icare-client

Step 3: A template, similar to excel, is shown where the user can fill in fields and submit, if mandatory fields are not filled in they will be highlighted (User Story 2: As Adam, an Agency Clerk, I would like my form submission to have error prevention)

The screenshot shows a window titled "ApplicationForm" with a standard Ubuntu desktop environment. The form itself is a table-like structure with multiple rows and columns. The columns are labeled with various fields, including:

- Unique Identifier
- Date of Birth (YYYY-MM-DD)
- Postal Code where the service was received
- Start Date of Service (YYYY-MM-DD)
- Language of Service
- Official Language of Preference
- Type of Institution/Organization Where Client Received Services
- Referred By
- Services Received
- Total Length of Orientation: Hours
- Total Length of Orientation: Minutes
- Number of Clients in Group
- Directed at a specific Target Group
- Target Group: Children (0-14 yrs)
- Target Group: Youth (15-24 yrs)
- Target Group: Seniors
- Target Group: Gender-specific
- Target Group: Refugees
- Target Group: Ethnic/cultural/linguistic group
- Target Group: Deaf or Hard of Hearing
- Target Group: Blind or Partially Sighted
- Target Group: Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ)
- Target Group: Families/Parents
- Target Group: Clients with other impairments (physical, mental)
- Target Group: Clients with international training in a regulated profession
- Target Group: Clients with international training in a regulated trade
- Target Group: Official Language minorities
- Overview of Canada
- Overview of Canada Referrals
- Sources of Information
- Sources of Information Referrals
- Rights and Freedoms
- Rights and Freedoms Referrals

At the bottom of the form is a "Submit" button. On the right side of the form, there is a vertical panel with a "Select File..." button. The form is currently empty, and the fields are not highlighted, indicating that no mandatory fields are missing.

ApplicationForm

There was an error with your submission. Please review the highlighted fields.

st	Unique Identifier
	Date of Birth (YYYY-MM-DD)
	Postal Code where the service was received
	Start Date of Service (YYYY-MM-DD)
	Language of Service
	Official Language of Preference
	Type of Institution/Organization Where Client Received Services
	Referred By
	Services Received
	Total Length of Orientation: Hours
	Total Length of Orientation: Minutes
	Number of Clients in Group
	Directed at a specific Target Group
	Target Group: Children (0-14 yrs)
	Target Group: Youth (15-24 yrs)
	Target Group: Seniors
	Target Group: Gender-specific
	Target Group: Refugees
	Target Group: Ethnic/cultural/linguistic group
	Target Group: Deaf or Hard of Hearing
	Target Group: Blind or Partially Sighted
	Target Group: Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ)
	Target Group: Families/Parents
	Target Group: Clients with other impairments (physical, mental)
	Target Group: Clients with international training in a regulated profession
	Target Group: Clients with international training in a regulated trade
	Target Group: Official Language minorities
	Overview of Canada
	Overview of Canada Referrals
	Sources of Information
	Sources of Information Referrals
	Rights and Freedoms

Submit

ApplicationForm

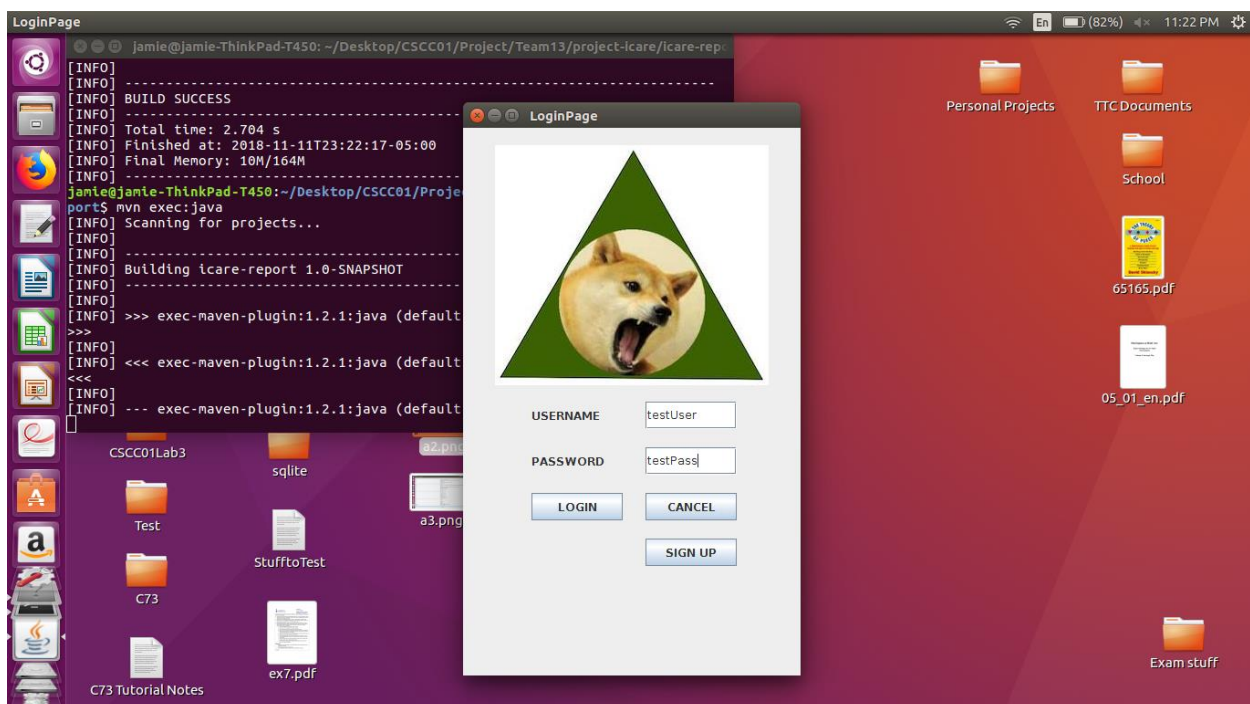
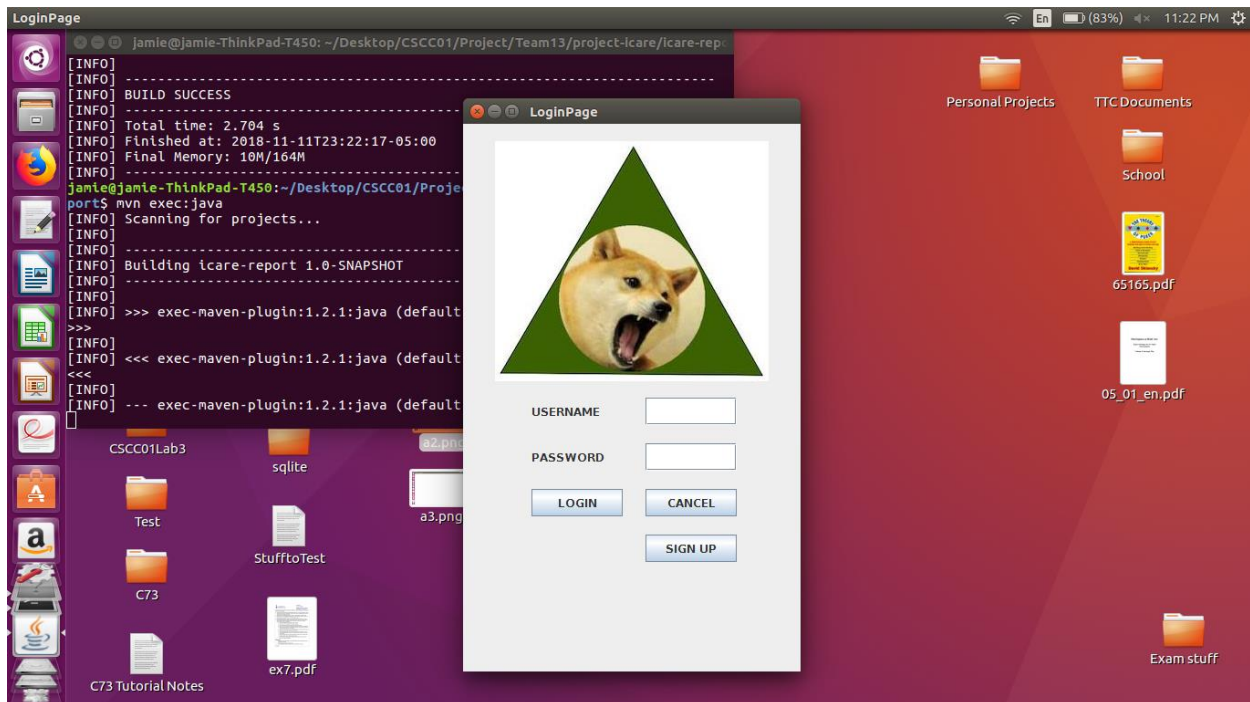
Yes	Interpersonal Conflict Referrals
	Was Essential Skills and Aptitude Training Received as Part of this Service?
	Computer skills
	Document Use
	Interpersonal Skills and Workplace Culture
	Leadership Training
	Numeracy
Yes	Was Life Skills or Responsibilities of Citizenship Information Received as Part of this Service?
	Life Skills
	Rights and Responsibilities of Citizenship (based on discover Canada)
Yes	Support Services Received
	Care for Newcomer Children
	Child 1: Age
	Child 1: Type of Care
	Child 2: Age
	Child 2: Type of Care
	Child 3: Age
	Child 3: Type of Care
	Child 4: Age
	Child 4: Type of Care
	Child 5: Age
	Child 5: Type of Care
	Transportation 2
	Provisions for Disabilities
	Translation
	Between
	And
	Interpretation
	Between 1
	And 2
	Crisis Counselling
2018-10-10	End Date of Service (YYYY-MM-DD)
None	Reason for update

Submit

Step 4: The submitted info is now in the database, and can be seen from the report application (User Story 1: As Adam, an Agency Clerk, I would like to use an intuitive template form submission, just like excel, to fill out my client's information)

Step 5: run `mvn exec:java` in `~/project-icare/icare-report`

Step 6: A login page will now appear, enter a username and password and click “Login” (Incomplete User Story 13: As Bobbafet, the ICare system owner, I would like some of my workers to have limited access to the database to ensure some form of privacy)



Step 7: Now data from the database will be displayed, notice how the information submitted in step 4 is present (User Story 3: As Bob, a TEQ Data Analyst, I would like to be able to view aggregated information submitted by agencies, displayed similar to an excel document)

Table

En (81%) 11:26 PM

Unique Identifier	Date of Birth (YYYY-M...	Postal Code where th...	Start Date of Service ...	Language of Service	Official Language of P...	Type of Institution/Or...	Referred By	Services
000	2000-11-18	L1R0C6	2017-11-18	English	English	Church	Advertisement	Language H

Create a new template

Table

En (81%) 11:26 PM

Referred By	Services Received	Total Length of Orient...	Total Length of Orient...	Total Length of Orient...	Number of Clients in ...	Directed at a specific...	Target Group: Childre...	Target Group: Youth
ment	Language Help							

Create a new template

Step 8: You can create new Templates by selecting fields that you want to be displayed (Incomplete User Story 11: As Bob, a TEQ Data Analyst, I would like to have the ability to create/save new report templates that will display selected categories and is compatible with the data collection) This feature does save the template but it is not currently available to use within the application

LoginPage

En(81%)11:27 PM

Unique Identifier	Date of Birth (YYYY-MM-DD)	Postal Code where the service was received	Start Date of Service (YYYY-MM-DD)	Language of Service	Official Language of Preference	Type of Institution/Organization Where Client Received Services	Referred By	Services Received
000	2000-11-18	L1ROC6	2017-11-18	English	English	Church	Advertisement	Language H

Create new Template

Unique Identifier

Date of Birth (YYYY-MM-DD)

Postal Code where the service was received

Start Date of Service (YYYY-MM-DD)

Language of Service

Official Language of Preference

Type of Institution/Organization Where Client Received Services

Referred By

Services Received

Total Length of Orientation

☐ Select all fields

Submit the template

Create a new template

LoginPage

En(81%)11:27 PM

Unique Identifier	Date of Birth (YYYY-MM-DD)	Postal Code where the service was received	Start Date of Service (YYYY-MM-DD)	Language of Service	Official Language of Preference	Type of Institution/Organization Where Client Received Services	Referred By	Services Received
000	2000-11-18	L1ROC6	2017-11-18	English	English	Church	Advertisement	Language H

Create new Template

Unique Identifier

Date of Birth (YYYY-MM-DD)

Postal Code where the service was received

Start Date of Service (YYYY-MM-DD)

Language of Service

Official Language of Preference

Type of Institution/Organization Where Client Received Services

Referred By

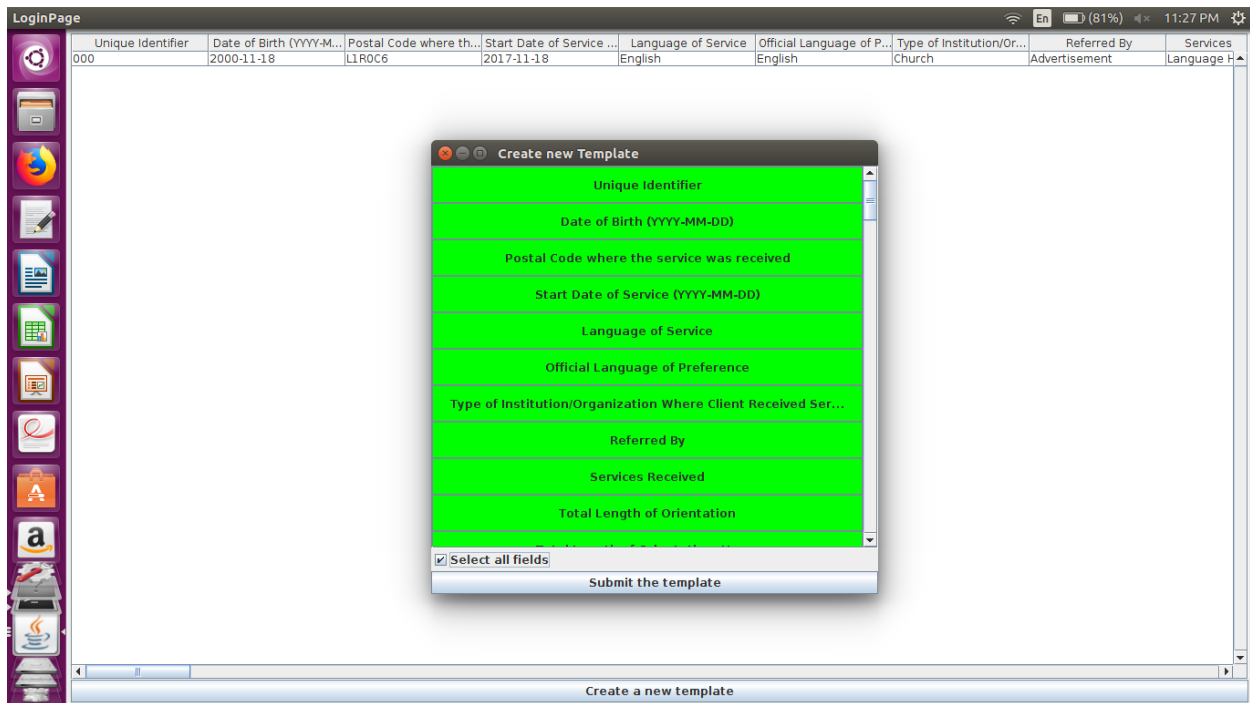
Services Received

Total Length of Orientation

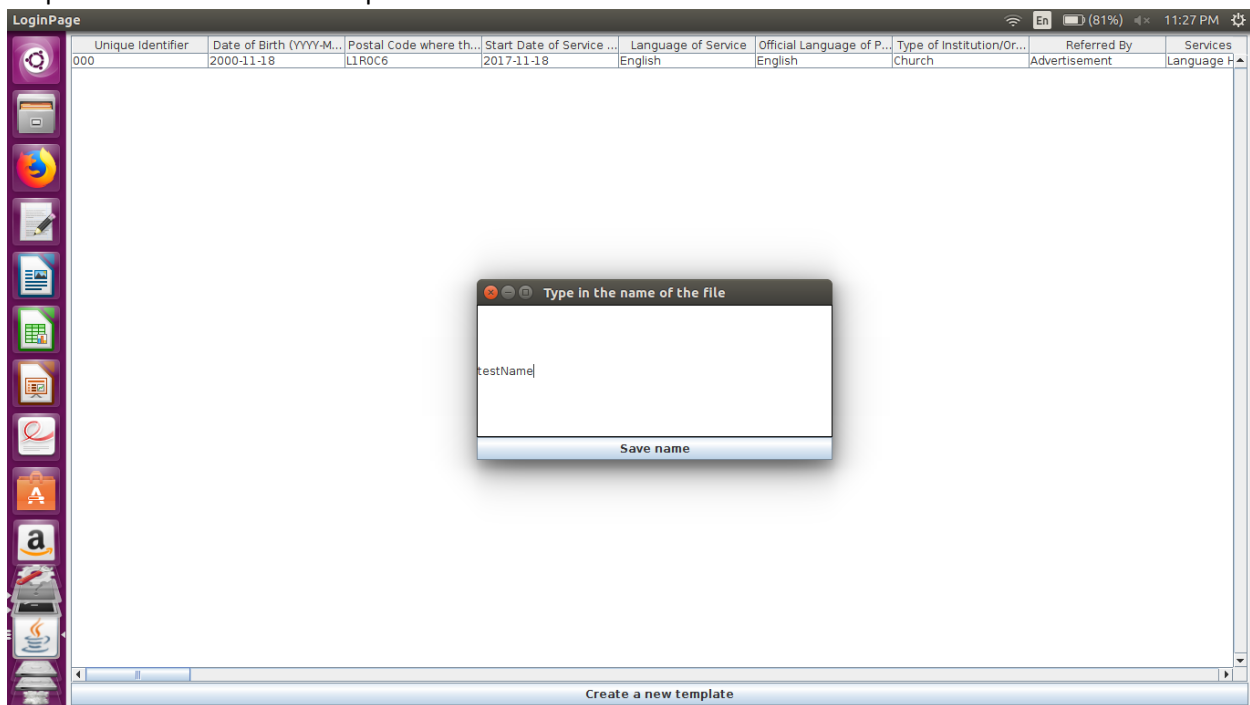
☐ Select all fields

Submit the template

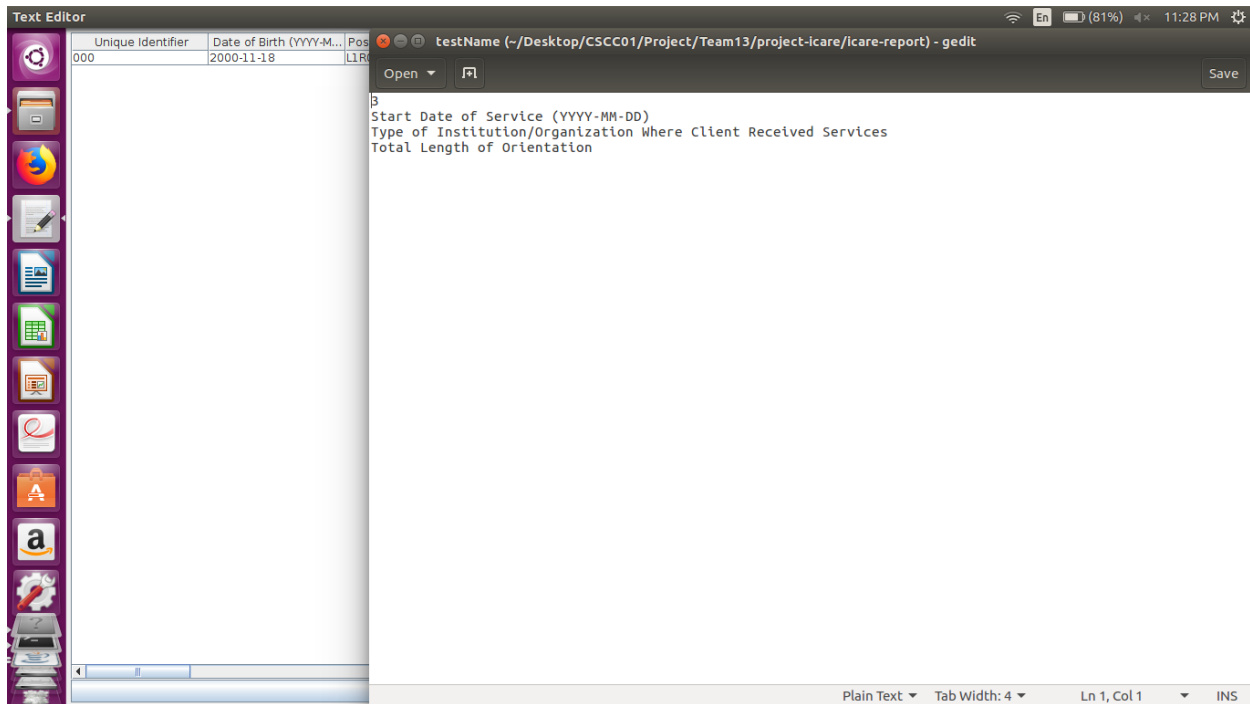
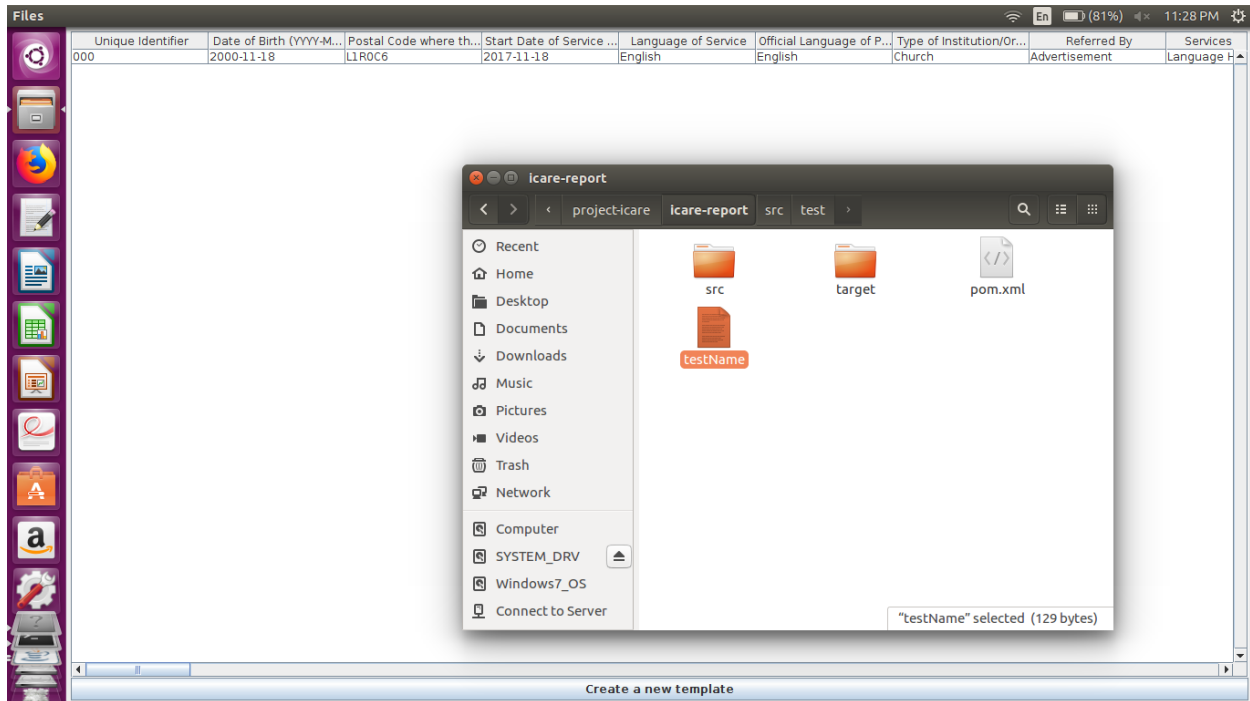
Create a new template



Step 9: You can name the template



Step 10: You can find the new template with the given filename under ~/project-icare/icare-report



Step 11: If you submit more data through the frontend, you can sort the columns by clicking on the column headers (User Story 4: As Bob, a TEQ Data Analyst, I would like to sort information submitted by agencies based on their respective category by clicking the category)

Unique Identifier	Date of Birth (YYYY-M...	Postal Code where th...	Start Date of Service ...	Language of Service	Official Language of P...	Type of Institution/Or...	Referred By	Services
54-2615642	11/7/1989		2/6/2018	Persian	Macedonian	Charity	library	online
99-6263030	9/26/2010		11/16/2017	Kannada	Swedish	Service	library	online
86-5768649	4/5/1957		2/1/2018	Dutch	Greek	Service	library	group
91-8523263	8/10/2000		11/13/2017	Tamil	Irish Gaelic	Service	friend	group
15-2621149	1/4/2003		2/18/2018	Kazakh	Pashto	Charity	library	group
51-0456050	5/1/2016		2/12/2018	Fijian	German	Service	friend	one-on-one
65-5927007	7/16/1986	1960	2/19/2018	Tok Pisin	Somali	Charity	friend	one-on-one
13-1557985	6/1/1986		12/20/2017	Indonesian	Hebrew	Charity	library	group
26-7730764	4/29/1958		2/1/2018	Danish	Bislama	Service	advertisement	online
75-5268585	10/29/1959		11/4/2017	Dzongkha	Hiri Motu	Charity	advertisement	online
61-1564164	9/19/2000	4201	2/21/2018	Ndebele	Azeri	Service	library	group
27-5701889	10/28/1998	396140	12/16/2017	Oriya	Marathi	Service	advertisement	one-on-one
38-3842633	3/18/1982	353241	11/10/2017	Czech	Tswana	Health	library	online
90-0820813	6/12/2007		11/15/2017	Korean	Albanian	Service	library	online
91-2396140	4/28/1958		2/14/2018	Kashmiri	Tsonga	Service	friend	one-on-one
45-6911822	7/27/2016	28-230	11/28/2017	Haitian Creole	Bosnian	Charity	library	online
10-0904644	7/31/1983		11/7/2017	Irish Gaelic	Swedish	Charity	advertisement	group

LoginPage

Create a new template

Unique Identifier	Date of Birth (YYYY-M...	Postal Code where th...	Start Date of Service ...	Language of Service	Official Language of P...	Type of Institution/Or...	Referred By	Services
10-0904644	7/31/1983		11/7/2017	Irish Gaelic	Swedish	Charity	advertisement	group
13-1557985	6/1/1986		12/20/2017	Indonesian	Hebrew	Charity	library	group
15-2621149	1/4/2003		2/18/2018	Kazakh	Pashto	Charity	library	group
26-7730764	4/29/1958		2/1/2018	Danish	Bislama	Service	advertisement	online
27-5701889	10/28/1998	396140	12/16/2017	Oriya	Marathi	Service	advertisement	one-on-one
38-3842633	3/18/1982	353241	11/10/2017	Czech	Tswana	Health	library	online
45-6911822	7/27/2016	28-230	11/28/2017	Haitian Creole	Bosnian	Charity	library	online
51-0456050	5/1/2016		2/12/2018	Fijian	German	Service	friend	one-on-one
54-2615642	11/7/1989		2/6/2018	Persian	Macedonian	Charity	library	online
61-1564164	9/19/2000	4201	2/21/2018	Ndebele	Azeri	Service	library	group
65-5927007	7/16/1986	1960	2/19/2018	Tok Pisin	Somali	Charity	friend	one-on-one
75-5268585	10/29/1959		11/4/2017	Dzongkha	Hiri Motu	Charity	advertisement	online
86-5768649	4/5/1957		2/1/2018	Dutch	Greek	Service	library	group
90-0820813	6/12/2007		11/15/2017	Korean	Albanian	Service	library	online
91-2396140	4/28/1958		2/14/2018	Kashmiri	Tsonga	Service	friend	one-on-one
91-8523263	8/10/2000		11/13/2017	Tamil	Irish Gaelic	Service	friend	group
99-6263030	9/26/2010		11/16/2017	Kannada	Swedish	Service	library	online

SYSTEM\_DRV

Create a new template

User Stories that were part of acceptance test:

1, 2, 3, 4, 11 – Partially Complete, 13 – Partially Complete

User Stories that were unit tested and part of acceptance test:

1, 2, 3



Note: User story 4 does not contain any back end component, since the column sorting is done by Swing itself, so it did not require unit testing, but is shown in the demo.