

User Documentation

Installation Guideline:

Untar the file into your htdocs or web_docs.

From sqlplus do:

@setup.sql

@custom_setup.sql

This creates a user admin with password admin.

Set the permission of all files so that the web server can access them.

e.g. `chmod 777 -R .`

Edit `misc/dbpass.php` and fill in your own Oracle username and password.

Each of the following files contain a hardcoded csid ~blaine1:

- `views/lists/people.php`
- `views/lists/family_doctors.php`
- `views/lists/users.php`
- `views/templates/header.php`
- `views/templates/head.php`

If you want links and images to work it is suggested that you change these to whatever your server root is.

Your copy of the Radiology Information System should now be working as expected!

Access the login page by typing “`http://consort.cs.ualberta.ca/~<ccid>/login.php`” into the address bar.

Login:

From the login.php page, a user can access the site by using the admin account set up in setup.sql:
username: admin
password: admin

The login page also has access to the settings page.

This page allows a user to edit their personal details or change their password.

To create new users, (including radiologists, doctors, patients, and more admins) navigate to the user management page after logging in.

User Management: *Can only be accessed by an Admin*

The User Management page can be used to create/edit persons, users, and family doctors.

It can also be used to delete users and family doctors.

To create a person:

- Navigate to the Persons tab.

- Click "Create Person".

- Fill in the information (set person id to the next highest number).

- Press submit.

- The newly created person should be shown in the table.

To create a user:

- Navigate to the User tab.

- Click "New User".

- Fill in the information (a person must be created first).

- This is where you choose the class of the user (admin, doctor, radiologist, patient).

- Press submit.


To create a family doctor:


- Navigate to the Family Doctor tab.

Click “New Family Doctor”.

Choose the doctor and patient.

Press submit.

To edit any of the above, click the edit icon at the end of the row. 

To delete a user or a family doctor, navigate to the appropriate tab and click the delete icon. 

Report Generating: *Can only be accessed by an Admin*

The Report Generating page is used to get a list of patients with a specified diagnosis within a given time period.

To get a report, the Admin can enter a diagnosis, a start date, and/or an end date.

If the Admin enters all three, it will return a table with information on radiology records that contain that exact diagnosis and fall between the two dates.

If the Admin only enters a diagnosis, it will display all records with that diagnosis.

If the Admin only enters a start date, the returned records will be between the entered date and today.

If the Admin only enters an end date, the returned records will be all records prior to the entered date.

Press Search to generate the report. The results will be shown in the table below.

Uploading: *Can only be accessed by a Radiologist*

The Uploading module is used to enter a radiology record into the database.

To enter a record, the Radiologist should navigate to the Uploading page.

Fill in all of the information and press submit.

Then upload one or many image(s) by clicking choose file.

Add another image by pressing submit another.

Press submit and finish when all images have been added.

Search: *Can be accessed by anybody*

The Search module displays a list of radiology records that relate to a given search term and/or a date range.

To display this list, the User can enter a search term, a start date, and/or an end date, and then press Search.

The list will be shown in the table below.

Data Analysis: *Can only be accessed by an Admin*

The Data Analysis module is used to generate and display an OLAP report.

An Admin can use this page to display the number of images for each patient, test type, and/or time period. This is done by clicking one or more of the checkboxes.

An Admin can also choose to perform weekly, monthly, or yearly generalization (roll up) or specialization (drill down). This is done by choosing a time hierarchy from the “Drill To:” dropdown menu.