

User Documentation

Installation Guideline:

Copy all of the files in this zip file to /compsci/webdocs/<ccid>/web_docs.

Navigate to there in a terminal and change all the files permissions using “chmod 777”. To make sure you are also changing the permissions of the files within the folders, use the -R flag. (ie. chmod -R 777 *)

Open dbpass.php and modify it as shown below:

```
<?php

$username = "<ccid>";
$password = "<password>";
$dbname = "radiology";
$host = "localhost";
$dbtype = "oci";

?>
```

Replace **<ccid>**
and **<password>**
with your own ccid
and password.

Set up the database using the setup.sql in the main directory. Do this by running the file in sqlplus and committing. (Run using @setup.sql)

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

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 or specialization.

This is done by choosing a time hierarchy from the “Drill To:” dropdown menu.