**User Documentation**  
  
  
**Installation:**  
  
 Step 1: compile the GetOnePic.java and PictureBrowse.java in   
 your\_home\_dir/catalina/webapps/proj1/WEB-INF/classes

Step 2: start sqlplus load files:   
 setup\_new.sql  
 demo.sql (your own data which just has one row.  
  
 Step 3: start tomcat by typing 'starttomcat' in terminal

Step 4: Use the following address in your browser to access the HTML file:  
 http://”name of current machine”.cs.ualberta.ca:"your-first-port- number"/proj1/oracle\_login.html  
  
 Step 5: input your oracle database account information into the web page

**Login:**  
 1) either your user name or password is not supposed to longer than 24 characters,then click the Login button.

2) Reset button can reset user’s account password.  
 3) A user can logout his/her account by clicking the "Log Out RIS" button.

**User Management:**

1. Add a new person:  
  
 Personal Information:  
 make sure the user's personal information is already existed if you want to skip this section. Otherwise, you need to enter the user's personal information according the format:  
  
 1) either your first name or last name suppose no longer than than 24 characters  
  
 2) your personal id must be integer.  
  
 3) either your address or email is not supposed to longer than 128 characters.  
  
 4) your phone number is not supposed to longer than 10 integers.  
  
 2. Add a new user:  
 User can enter existed person ID and enter the new user account

information to create a new user account..

3. Update user information:  
  
 Search:  
 a valid user name is required before any updating. If you know the person ID but don't know his/her user names,

Family Doctor:  
 You can build a doctor-patient relationship after you searched a person by

his or her user name.

You can select and status and choose either remove an existing relation or

add a new relation.  
 Click "Confirm" to confirm the creation.

**Report Generation:**  
  
 1) A Diagnosis shorter than 128 characters is required  
  
 2) A time interval is required!(from a earlier date to a later date).Submit afterward

**Uploading:**  
  
 A valid relationship between the given patient and doctor is required while the rest is not. The uploading part allows user to upload one or more images for the current record.  
  
  
  
  
**Search Engine:**  
  
 1) A user can search by a key word or a list of key words(separated by ",")  
  
 2) By selecting different type of result orders, a user can display results that are ranked by time

(most-recent-first or most-recent-last) or ranked by relevancy (default).

3) One can view a list of medical images(thumbnails) of a record by clicking the picture shown in the table,

which can be further viewed by clicking the images themselves(normal size) or the links below them which is called full-size.

**Data Analysis:**

1. Analysis by attribute(s):

1) All attributes are optional, you can leave some attribute blank or default if you don't want to specify those attributes. The date has default value and year and month are selected.

2) Only when you selected date, you can see the roll up and drill buttons.

3) Roll up decrease the selections (select from year & month to year).   
 4) Drill down increase your selections (select from year & month to year & month & week)

Others:  
 Please feel free to contact the administrator whenever you meet some difficulties.