# Documentation

* AIM:
  + To combine at least two tables: visit and demographics.
  + To make patient demographic information should be accessible such that multiple biopsy visits can be attributed to the same patient.
* INSTRUCTIONS FOR USERS:
  + On opening the application, a login screen will pop up.
  + Enter your credentials and press ‘Submit’
  + If successfully authenticated, you will be taken to the data entry page
  + If you are adding data for the first time, you will see a blank row already inserted in the table. Go ahead and enter your data in those fields and press Enter or click the ‘+’ in the last column when you are done.
  + You have now entered your first row of data.
  + To add multiple rows, you can click on the ‘+’ as many times as you want to create a table.
  + To delete data, you must have logged in with an administrator account. Clicking on the ‘-’ sign that appears right next to the ‘+’ will delete that row permanently.
  + Click ‘View Demographics’ button to view information about demographics of the patients.
  + Click ‘View Clinical Info’ button to access details about biopsy visits.
  + Click ‘View Complete Data’ to view combined result of demographics and visit data.
* FOR DEVELOPERS:
  + Entering data in the columns containing demographic data will create one SQL table.
  + Entering data in the columns containing data about the clinical visit will create another SQL table.
  + When user clicks ‘view complete data’ button, a SQL command is executed that merges the two existing tables and displays the result on the screen.
  + When user clicks ‘View Demographics’, a SQL command is executed that displays the table containing demographic data only.
  + When user clicks ‘View Clinical Info’, a SQL command is executed that displays the table containing clinical visit data only.
  + The Home button will take the user to login screen
* IMPROVEMENTS:
  + Log-out functionality needs to be added to the web application.
  + A user ID-password database needs to be employed to complement the login screen.
  + Buttons to display the SQL tables need to be implemented.