**How is the state of code maintained:**

We configured our site to access one of 3 types of pages varying in permissions. With Administrator being the highest then Advisor and finally Student at the lowest number of privileges. Since the native code does not rely on pulling info from a session, we have the user enter their ID if they want to have information inserted into the database and in addition the request ID if they want to remove data.

**Method Purposes:**

***CRUD Class***

* Create-Adds data to the database by asking for a User ID and Class ID
* Update-Updates the database when an Admin wants to Approve or Deny a request
* Delete-Deletes a record from the database under the Admin’s discretion using the Request ID
* Dataview-Selects all records from the database and displays them to the screen. This is manipulated in the student section by adding an extra clause having them enter their own ID, so they can only see their information.

***Login***

* Sanitize-Removes special characters from the login site to help prevent SQL and PHP injection
* Title Check (Select1, 2, and 3)-This system is an If and Else If check used to see if the input from the user matches a record in the database. If they, do it checks what “Title” is given to them in the database (Student, Advisor, or Administrator). This then redirects the user to the correct page for their login info. If the user does not have a correct login a message is displayed above the page telling them their login info is incorrect.