**K&O**

**Personnel Management Systems**

Logo

Description automatically generated

**Data Dictionary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DATA LIBRARY (Database) | | | | | | | |
| Data Item | Data type | Data Format | Number of Bytes for Storage | Size for Display | Description | Example | Validation |
| address | VARCHAR |  | 100 | 100 | Employees Home Address | 123 Program Lane |  |
| adminID | VARCHAR |  | 12 | 12 | Unique Identifier for Admin Employee | 123456789012 |  |
| auth | VARCHAR |  | 10 | 10 | Authorization |  | Reset Account |
| city | VARCHAR |  | 30 | 30 | Employees City | Fayetteville |  |
| email | VARCHAR |  | 40 | 40 | Employees Email | tomjones@java.com |  |
| firstName | VARCHAR |  | 25 | 25 | First Name of Employee | Tom |  |
| ID (PK) | INTEGER |  | 10 | 10 | Unique Identifier for employee |  |  |
| Identifier | VARCHAR |  | 10 | 10 | Employee Identifier | Admin/User |  |
| lastName | VARCHAR |  | 25 | 25 | First Name of Employee | Jones |  |
| phoneNumber | VARCHAR |  | 20 | 20 | Employees Phone Number | 910.234.1234 |  |
| pinCode | VARCHAR |  | 130 | 130 | Employees Pin Number | 1234 |  |
| pinNum | VARCHAR |  | 130 | 130 | Employees Pin Number | 1234 |  |
| State | VARCHAR |  | 30 | 30 | Employees State | NC |  |
| Status | VARCHAR |  | 3 | 3 | Employee In/Out Status | In/Out |  |
| Task | VARCHAR |  | 200 | 200 | Admin Task Note | -Company Meeting at 12:00 |  |
| timeIn | TIME |  | 8 | 8 | Employee Time In | 08:00 |  |
| timeOut | TIME |  | 8 | 8 | Employee Time Out | 12:00 |  |
| totalTime | TIME |  | 8 | 8 | Employee Total Time Worked | 04:00 |  |
| userID | VARCHAR |  | 12 | 12 | Unique Identifier for User Employee | 123456789012 |  |
| Wrong | INTEGER |  | 10 | 10 | Login Tracker |  | Lock Account |
| zipcode | VARCHAR |  | 20 | 20 | Employees Zipcode | 28310 |  |

**Data Glossary**

**address:** Location of where someone lives or an organization is situated.

**adminID:** A unique identification number give to all administrators who register within an

organization.

**auth:** Used when the user request to reset his/her pin number in the event the forgot it or locked themselves out from the system. An authorization link/pin will be sent to their email to begin the reset process.

**city:** A town of significant size or an urban are with self-government.

**email:** Identifier for an email account in which electronic messages are sent.

**firstName:** Personal name given to someone at birth. Name must be accurate in accordance with the employee’s birth certificate.

**ID:** Unique number given to each member of the organization.

**identifier:** Identifiers are user to determine which employees are admin and regular users.

**lastName:** A surname passed down from a person’s family.

**phoneNumber:** Unique number specific to the employee. Must be an accurate and legitimate number.

**pinCode:** Unique number created by the user for login purposes. All pin numbers are encrypted with Sha-2 512bit, 128-character encryption.

**pinNum:** Unique number created by the user for login purposes. All pin numbers are encrypted with Sha-2 512bit, 128-character encryption.

**state:** Location of employees address (Ex: NY,NC,OH).

**status:** Tracks the current work status of all employees within the organization by displaying either “in” or Out”.

**task:** Tracks the inputted tasks by the administrator user.

**timeIn:** Tracks the time in which the user first clocks into the system.

**timeOut:** Tracks the time in which the user clocks out of the system.

**totalTime:** Tracks total time worked for all users within the organization.

**userID:** A unique identification number give to all users who register within an

organization.

**wrong:** Tracks the number of incorrectly entered pinNum/pinCodes for each individual employee.

**zipcode:** A unique 5 or 9 digit number used by the U.S postal service to deliver mail to addresses listed within that area location.

**////////////////////////////////////////////////////////////**

End of Database Data Library

Webpage Data Library

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**[Data Library Basic Terms1](#_DATA_LIBRARY_Basic)**

# DATA LIBRARY Basic Terms

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DATA LIBRARY Basic Terms | | | | | | | |
| Data Item | Data type | Data Format | Number of Bytes for Storage | Size for Display | Description | Example | Validation |
| page |  |  |  |  |  |  |  |
| import |  |  |  |  |  |  |  |
| Content-type |  |  |  |  |  |  |  |
| pageEncoding |  |  |  |  |  |  |  |
| Html |  |  |  |  |  |  |  |
| head |  |  |  |  |  |  |  |
| meta |  |  |  |  |  |  |  |
| script |  |  |  |  |  |  |  |
| link |  |  |  |  |  |  |  |
| body |  |  |  |  |  |  |  |
| div |  |  |  |  |  |  |  |
| form |  |  |  |  |  |  |  |
| img |  |  |  |  |  |  |  |
| nav |  |  |  |  |  |  |  |
| span |  |  |  |  |  |  |  |
| footer |  |  |  |  |  |  |  |
|  | | | | | | | |

# AuthLockerAccount.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “AuthLockedAccount.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **error** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/lockAccountStyleSheet.css** | **Section that displays error message to user.** |
| **fas fa-exclamation-triangle** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/fonts/fontawesome5-overrides.min.css** * **assets/fonts/font-awesome.min.css** * **assets/fonts/fontawesome-all.min.css** | **Displays a warning triangle to user.** |
|  | | | |

# activateAccount.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “activateAccount.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **image-reg** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **nav navbar-nav mr-auto** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
| **form-submit-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/registrationStyleSheet.css** | **Submit button for form** |
| **navbar navbar-light navbar-expand-md navigation-clean-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/Navigation-with-Button/styles.css** | **Navigation styles and features** |
| **section-one** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/registrationStyleSheet.css** | **Division container that contains validation form.** |
| **collapse navbar-collapse** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Collapses the navigations elements when the screen is reduced in width.** |
| **reg-form-title** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/registrationStyleSheet.css** | **Used for the navigation button styles.** |
| **image-reg** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Displays main page background.** |
| **User-login** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/popupLoginStyleSheet.css** | **Returning to home page.** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
| **navcol-1** | **ID** | **Refers to the name of an element and/or parameter used in a CSS or javascript file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Identifies the induvial column section in the navigation bar.** |
| **random\_number** | **ID** | **Refers to the name of an element and/or parameter used in a CSS or javascript file.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
|  | | | |

# authFail.jsp/authSuccess.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “authFail.jsp/authSuccess.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-user-login** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
| **btn btn-primary btn-block** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/loginStyleSheet.css** | **Submit button for login form** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
|  | | | |

# Error.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “error.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **error** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/lockAccountStyleSheet.css** | **Section that displays error message to user.** |
| **fas fa-exclamation-triangle** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/fonts/fontawesome5-overrides.min.css** * **assets/fonts/font-awesome.min.css** * **assets/fonts/fontawesome-all.min.css** | **Displays a warning triangle to user.** |
|  | | | |

# Index.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “Index.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-main** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
| **Btn-primary** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/loginStyleSheet.css** | **Submit button for login form** |
| **navbar navbar-light navbar-expand-md navigation-clean-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/Navigation-with-Button/styles.css** | **Navigation styles and features** |
| **Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division container that contains navigation button elements.** |
| **item-co-logo** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used to style the place the company logo.** |
| **collapse navbar-collapse** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Collapses the navigations elements when the screen is reduced in width.** |
| **navcol-1** | **ID** | **Refers to the name of an element and/or parameter used in a CSS or javascript file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Identifies the induvial column section in the navigation bar.** |
| **home-main** | **class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/mainPageCSS/styles.css** | **Used for the navigation button styles.** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
|  | | | |

# IndexAboutCompany.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “indexAboutCompany.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image-main** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **navbar navbar-light navbar-expand-md navigation-clean-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/Navigation-with-Button/styles.css** | **Navigation styles and features** |
| **Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division container that contains navigation button elements.** |
| **item-logo-about** | **Class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/mainPageCSS/styles.css** | **Used to style the place the company logo.** |
| **collapse navbar-collapse** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Collapses the navigations elements when the screen is reduced in width.** |
| **nav navbar-nav mr-auto** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **Nav-item dropdown** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **dropdown-toggle nav-link** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **dropdown-menu** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **navbar-text actions** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Navigation-with-Button.css** | **Navigation styles and features** |
| **home-admin-login** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/popupLoginStyleSheet.css** | **Admin portal login button** |
| **container-fluid** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Screen division container responsiveness** |
| **flex-container-about** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/mainPage.css** | **Screen division container responsiveness** |
| **flex-column-about** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/mainPage.css** | **Screen column responsiveness** |
| **footer-dark** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Footer-Dark.css** | **Establish webpage footer section** |
| **row** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **row container that contains footer elements.** |
| **col-sm-6 col-md-3 item** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Column elements inside row container.** |
| **col item social** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Column elements inside row container(Social Media Links).** |
| **copyright** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/Footer-Dark.css** | **Paragraph section containing the companies copyright.** |
| **modal-dialog** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal dialog. The modal-dialog contains the contents and body of the modal controller.** |
| **modal-fade** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Adds transition effect to modal-dialog** |
| **modal-content** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal content located in the file. The modal-body is located within the modal-content.** |
| **modal-body** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal body located in the file.** |
| **data-dismiss** | **class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** | **Closes the modal when click off the form or submit.** |
| **home-popup-login** | **class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/css/popupLoginStyleSheet.css** | **Used to logout of system.** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**  **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**  **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
|  | | | |

# indexAdminControl.jsp

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Library “indexAdminControl.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **wrapper** | **ID** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **navbar navbar-dark align-items-start sidebar sidebar-dark accordion bg-gradient-primary p-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **container-fluid d-flex flex-column p-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **navbar-brand d-flex justify-content-center align-items-center sidebar-brand m-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **sidebar-divider my-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav navbar-nav text-light** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **accordionSidebar** | **ID** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav-item** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav-link active** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-tachometer-alt** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-user** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-table** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-lock-open** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **far fa-user-circle** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **far fa-user-circle** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **content-wrapper** | **ID** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **content** | **ID** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **navbar navbar-light navbar-expand bg-white shadow mb-4 topbar static-top** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **container-fluid** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **btn btn-link d-md-none rounded-circle mr-3** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **sidebarToggleTop** | **ID** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-bars** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **form-inline d-none d-sm-inline-block mr-auto ml-md-3 my-2 my-md-0 mw-100 navbar-search** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **input-group** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **bg-light form-control border-0 small** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **input-group-append** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **btn btn-primary py-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-search** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav navbar-nav flex-nowrap ml-auto** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav-item dropdown d-sm-none no-arrow** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **dropdown-toggle nav-link** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **dropdown-menu dropdown-menu-right p-3 animated--grow-in** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **form-inline mr-auto navbar-search w-100** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **input-group** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **bg-light form-control border-0 small** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **input-group-append** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **btn btn-primary py-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **dropdown-header** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **bg-primary icon-circle** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **fas fa-file-alt text-white** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **small text-gray-500** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **d-flex align-items-center dropdown-item** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-center dropdown-item small text-gray-500** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-truncate** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **shadow dropdown-list dropdown-menu dropdown-menu-right** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **d-none d-sm-block topbar-divider** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **nav-item dropdown no-arrow** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **dropdown-toggle nav-link** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **dropdown-divider** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **container-fluid** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |

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| **d-sm-flex justify-content-between align-items-center mb-4** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-dark mb-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **btn btn-primary btn-sm d-none d-sm-inline-block** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **col-md-6 col-xl-3 mb-4** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **row** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **card shadow border-left-primary py-2** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **card-body** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **row align-items-center no-gutters** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **col mr-2** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-uppercase text-primary font-weight-bold text-xs mb-1** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-dark font-weight-bold h5 mb-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-uppercase text-success font-weight-bold text-xs mb-1** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-dark font-weight-bold h5 mb-0** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **bg-white sticky-footer** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **text-center my-auto copyright** | **Class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **container my-auto** |  | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **border rounded d-inline scroll-to-top** |  | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
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# indexAdminLoginSuccess

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| **Data Library “indexAdminLoginSuccess.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**  **loginStyleSheet.css** | **Screen responsiveness** |
| **Image** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css**   **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-user-login** | **Class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**  **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |

# indexAdminRegistration.jsp

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| **Data Library “indexAdminRegistration.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css**   **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-user-login** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **form-group-popup** | **Class** | **Refers to the name of an element used in a CSS file.**  **assetsJSP/css/registrationStyleSheet.css** | **Division Separation between input sections in login form** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
| **modal-dialog** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal dialog. The modal-dialog contains the contents and body of the modal controller.** |
| **modal-fade** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Adds transition effect to modal-dialog** |
| **modal-content** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal content located in the file. The modal-body is located within the modal-content.** |
| **modal-body** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal body located in the file.** |
| **data-dismiss** | **class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** | **Closes the modal when click off the form or submit.** |
| **home-popup-login** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/popupLoginStyleSheet.css** | **Used to logout of system.** |
| **Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division container that contains navigation button elements.** |
| **close** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/popupLoginStyleSheet.css** | **To close the modal when the user clicks off the modal body.** |
| **item-co-logo** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used to style the place the company logo.** |

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| **Data Library “IndexSystemLoginOption.jsp”** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image-main** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-admin** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Login-clean-user** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
| **Btn-primary** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/loginStyleSheet.css** | **Submit button for login form** |
| **navbar navbar-light navbar-expand-md navigation-clean-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/Navigation-with-Button/styles.css** | **Navigation styles and features** |
| **Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division container that contains navigation button elements.** |
| **item-co-logo** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used to style the place the company logo.** |
| **collapse navbar-collapse** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Collapses the navigations elements when the screen is reduced in width.** |
| **navcol-1** | **ID** | **Refers to the name of an element and/or parameter used in a CSS or javascript file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Identifies the induvial column section in the navigation bar.** |
| **home-main** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used for the navigation button styles.** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
| **modal-dialog** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **modal-content** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **modal-body** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal body located in the file.** |
| **data-dismiss** | **class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** | **Closes the modal when click off the form or submit.** |
| **home-popup-login** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/popupLoginStyleSheet.css** | **Used to logout of system.** |
| **close** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/popupLoginStyleSheet.css** | **To close the modal when the user clicks off the modal body.** |
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| **Data Library “** | | | |
| **Element Name** | **Attribute** | **Description** | **Used For** |
| **Flex-Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **loginStyleSheet.css** | **Screen responsiveness** |
| **Image-main** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** * **assetsJSP/mainPageCSS/styles.css** | **Page background image** |
| **Login-clean-admin** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Login-clean-user** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Page login form** |
| **Illustration** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Displays form icon image** |
| **Form-group** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division Separation between input sections in login form** |
| **Form-control** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Input section for the login form** |
| **Btn-primary** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/loginStyleSheet.css** | **Submit button for login form** |
| **navbar navbar-light navbar-expand-md navigation-clean-button** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/Navigation-with-Button/styles.css** | **Navigation styles and features** |
| **Container** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Division container that contains navigation button elements.** |
| **item-co-logo** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used to style the place the company logo.** |
| **collapse navbar-collapse** | **Class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Collapses the navigations elements when the screen is reduced in width.** |
| **navcol-1** | **ID** | **Refers to the name of an element and/or parameter used in a CSS or javascript file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Identifies the induvial column section in the navigation bar.** |
| **home-main** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/mainPageCSS/styles.css** | **Used for the navigation button styles.** |
| **sticky-footer** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/loginStyleSheet.css** | **Used for the styles and features of the webpage footer.** |
| **modal-dialog** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **modal-content** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** |  |
| **modal-body** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** | **Refers to the styles and features of the modal body located in the file.** |
| **data-dismiss** | **class** | **Refers to the name of an element used in a CSS file and/or javascript.**   * **assets/bootstrap/css/bootstrap.min.css** | **Closes the modal when click off the form or submit.** |
| **home-popup-login** | **class** | **Refers to the name of an element used in a CSS file.**   * **assetsJSP/css/popupLoginStyleSheet.css** | **Used to logout of system.** |
| **close** | **class** | **Refers to the name of an element used in a CSS file.**   * **assets/bootstrap/css/bootstrap.min.css** * **assetsJSP/css/popupLoginStyleSheet.css** | **To close the modal when the user clicks off the modal body.** |
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**GitHub**

**A picture containing box and whisker chart

Description automatically generated**