|  |  |  |  |
| --- | --- | --- | --- |
| **Module Name:** | Student fees entry | **Developer:** | Mr. Nitin Rajput |
| **In-charge:** | Mr. Amit Chauhan | **Date:** | 3- june 2016 |

**Table Details:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Table Name** | **Alias** | **Table Relation** |
| 1 | biodata | T1 | T1.section\_id = T2.id |
| 2 | section\_ list | T2 | T2.id = T1.section\_id |
| 3 | fee\_installment\_setting | T3 | T3.id = T7.inst\_id |
| 4. | fee\_main\_head\_category | T4 | T4.id = T5.main\_head\_id |
| 5. | fee\_head\_setting. | T5 | T5.id =T6.head\_id  T8.head\_id = T5.id |
| 6. | fee\_head\_class\_relation | T6 | T6.class\_id = T7.id  T6.head\_id = T5.id |
| 7. | master\_class\_list | T7 | T7.id = T6.class\_id |
| 8. | fee\_student\_relation | T8 | T8.head\_id = T5.id |

**URL Details:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **URL** | **Controller/view/model** | **Function** |
| 1. | staff/studentfeesentry/(:any) | fees\_controller /studentfeesentry | showStudentFeeEntry($Admno) |

**Event Based Logic:**

|  |  |  |
| --- | --- | --- |
| **#** | **Event Name** | **Logic Details** |
| 1 | On page load | Loads staff data and attendance records on particular date selected.  **Service:**GetStaffAttendence |
| 2 | On Date Change | Loads staff data and attendance records on particular date selected.  **Service:**GetStaffAttendence |
| 3 | On click of “Mark All” button | On the click on '**Mark All**' button all the staff are marked present on current date.  **Service:**MarkAllAttendenceDetail |
| 4 | On click event “Present/Absent” button | On the click on '**Present/Absent**' button the selected staff are marked Present/Absent on current date.  **Service:**MarkStaffAtt , MarkStaffPresntAtt |

**Function Details:**

|  |  |  |
| --- | --- | --- |
| **#** | **Function Name** | **Details** |
| 1 | getStudentDetails($admno) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  Query 1: select T1.adm\_no,T1.fistname,T1.lastname,T1.section\_id,T2.standard,T2.section,T3.salutation,T3.staff\_fname,T4.staff\_lname from section list as T2 ,staff\_details as T3 ,biodata as T1 where adm\_no = $admno and status = 1. |
| 2 | getStudentFeesStructure($classId) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  1:Switch case for short\_code ,in short\_code cases call  getInstFinalArray($month, $size, $billraise, $billend) function. |
| 3 | getInstFinalArray($month, $size, $billraise, $billend) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  1: Create Installment name,bill rasise day,bill due date  and month list . |
| 4 | saveInstlmntData($data) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  Query 1: Select id from fee\_installment\_setting where ‘code’ = $data[‘short\_code’].  Query 2: Insert shortcode,installmnt name,bill raise day,bill due day into fee\_installment \_setting. |
| 5. | getsaveInstlmntMnth($installmentId, $year, $monthlist) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  Query 1: Insert\_batch installmentId,monthno.,monthlist into fee\_installment\_month\_relation. |
| 6. | dltePrviousInstlmntData($getInstallmentId, $intallmentCode) | **Controller:** fees\_controller  **Model:** fees\_model  **Functionality:**  Query 1:Delete from fee\_installment\_month\_relation where ‘inst\_id’ =$value[‘id’].  Query 2. Delete from fee\_installment\_setting where ‘code’= $ intallmentCode. |

**Web Service Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **URL Path** | **Controller/Model/View** | **Function** | **Details** |
| 1 | staff/getinstallment | staff/fees\_controller  staff/fees\_model | getInstallment  getAllInstallmentList  getInstFinalArray | **Method:** Post  **Functionality:** 1:Switch case for short\_code ,in short\_code cases call  getInstFinalArray($month, $size, $billraise, $billend) function.  2: Create Installment name,bill rasise day,bill due date  and month list .  **Response:**  {"type":"TRUE","message":"Data Loaded Successfully","result":"TRUE","value":"{\"staff\_list\":[{\"staff\_id\":\"1\",\"name\":\"K.C. Thomas\",\"att\_status\":\"ABSENT\",\"reason\":\"\"}, ....} |
| 2 | staff/savedetails | staff\_fees\_controller  staff/fees\_model | saveInstlmntDetail  saveInstlmntData.  getsaveInstlmntMnth.  dltePrviousInstlmntData | **Method:** Post  **Functionality:** : 1. Select id from fee\_installment\_setting as T2 where ‘code’ = $data[‘short\_code’].  2.Insert shortcode,installmnt name,bill raise day,bill due day into T2.  3.Insert\_batch installmentId,monthno.,monthlist into fee\_installment\_month\_relation. as T3.  4. Delete from fee\_installment\_month\_relation where ‘inst\_id’ =$value[‘id’].  5. Delete from fee\_installment\_setting where ‘code’= $ intallmentCode.  **Response:**  {"type":"TRUESAVE","message":"Data Loaded Successfully","result":"1"} |
| 3. | staff/saveattdata | Staff/staff\_controller  staff/staff\_model | SaveStaffAttData  MarkStaffAtt | **Method:** Post  **Functionality:** Insert the selected staff as “ABSENT ” in the table T2.And populates date back accordingly on the view.  **Response:**  {"type":"TRUESAVE","message":"Data Loaded Successfully","result":"1"} |
| 4. | staff/saveattpresentdata | Staff/staff\_controller  staff/staff\_model | SaveStaffAttPresntData  MarkStaffPresntAtt | **Method:** Post  **Functionality:** Deletes the selected staff record as “ABSENT ” from the table T2. And populates date back accordingly on the view.  **Response:**  {"type":"TRUESAVE","message":"Data Loaded Successfully","result":"1"} |

**Universal Points:**

|  |  |
| --- | --- |
| **#** | **Details** |
| 1 | Date format |
| 2 | Order By |
| 3 | Use of ng-cloak |
| 4 | Use of Validation on required places |
| 5 | Change case of name |