Software Documentation

* **List of components and child components used**

Actions

add-exam Result

Addmarks

Addnew-teacher

addNewStudent

Charts

examResult

Footer

Header

Home

Lt-panel

Reportpreview

Result-sheet

Resultpreview

Rt-panel

Student

Student-data

Student-preview

Teacher-data

Teacher-preview

Teachers

* **Route details**

{path:’/’,componet:HomeComponent,title:’home’}

{path:’student’,componet:StudentComponent,title:’student’}

{path:’teacher’,componet:TeacherComponent,title:’teacher’}

{path:’addnew’,componet:AddNewComponent,title:’new student’}

{path:’add-teacher’,componet:AddnewTeacherComponent,title:’add teacher’}

{path:’examresult’,componet:ExamresultComponent,title:’add exam result’}

{path:’add-examresult’,componet:AddExamresultComponent,title:’add exam marks’}

{path:’add-marks’,componet:AddmarksComponent,title:’result’}

{path:’preview/:id’,componet:ResultpreviewComponent,title:’report preview’}

{path:’charts’,componet:ChartsComponent,title:’charts’}

* **Services Used**

MarksService

ResultService

StudentService

TeacherService

**Student component**

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| teacherObj | object | to hold teacher details |
| searchElement | string | To search student by name |
| Student | Object | To get student details |

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| isAddNewTeacher | boolean | To open new teacher component |
| isDropdownVisible | boolean |  |

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| searchStudent | Function | To search student |
| Print | function | To print student required details |
| previewResult | function | To navigate report preview component |
| onSubmit | function | To get student details |
| changeValue | function | To change addNewStudent |

Each component data details from service

**Services** –

1. MainServiceService
2. StudentService
3. TeacherService

Components list

1. Actions
2. Student preview

1.Actions

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| isAction | boolean | To open actions[edit,delete] |

Each component data details from service

**Services** – no services used

2. Student preview

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| firstName | string | To hold student first name |
| lastName | boolean | To hold student last name |
| contactNo | string | To hold student contact no |
| grade | string | To hold student grade |

**Teacher component**

Components list

1. Actions
2. Teacher preview

1.Actions

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| isAction | boolean | To open actions[edit,delete] |

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| toggeleAction | function | To change isAction’s value |

Each component data details from service

**Services** – no services used

2. Teacher preview

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| firstName | **string** | **To hold student first name** |
| lastName | boolean | To hold student last name |
| contactNo | string | To hold student contact no |
| grade | string | To hold student grade |

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| studentObj | Object | Array of object to be listed |
| student | Object | Object to be list |

**Student Component Timeline**

**Data**

**Options**

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| isAddNewStudent | boolean | To open addNewstudent component |
| searchElement | string | To search listed object |
| isDropdownVisible | false | To enable dropdownfield |

**Dom Selector**

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
|  |  |  |
|  |  |  |

**Actions**

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Data Type** | **Description** |
| changeValue | function | To open addNewStudent component |
| toggleDropdown | function | to show dropdown menu |
| previewResult | function | To navigate previewResult component |
| onSubmit | function | to push student object into array |
| ngOnInit | function | to initialize form controller & classList |
|  |  |  |

**Examples**

changeValue(){

    this.isAddNewStudent = !this.isAddNewStudent;

  }

toggleDropdown() {

  this.isDropdownVisible = !this.isDropdownVisible;

}

**Complete Items**

Add new student button

Student Search bar

List the student Records in the student component

Print student component

Open student popup component when click the student records

Responsive Design

Side bar open when click the menu button

Student popup responsive design

**Pending Items**

Student component edit option

Student component delete option

Insident Report