

WebPage Output

1. Home Page

Student Management

[View Students](#)[Add Student](#)

2. Add New Student Data:

Create Student

Roll No

Name

Date of Birth



Class

Date of Joining



District

Grade

Fees Paid

3. View Student Details:

Student List

Filters

Class:

None

DOJ:

None

Address:

None

Grade:

None

Fees Paid:

None

Apply Filter

Search students...

Roll No	Name	Date of Birth	Class	Date of Joining	District	Grade	Fees Paid	Actions
95072352007	Ashok Kumar	20-11-2002	MCA	08-09-2023	Thoothukudi	O	Paid	<div>EditDelete</div>
95072352015	Hari Haran	10-02-2000	MCA	09-08-2023	Tirunelveli	O	Paid	<div>EditDelete</div>
95072352017	Hari Hara Prabhu	02-10-2002	MCA	08-09-2023	Tirunelveli	O	Paid	<div>EditDelete</div>
95072352018	Jebas	22-11-2002	MBA	09-08-2023	Thoothukudi	A	Not Paid	<div>EditDelete</div>

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4. Update Student Details

Update Student

Roll No

95072352017

Name

Hari Hara Prabhu

Date of Birth

10/02/2002

Class

MCA

Date of Joining

09/08/2023

District

Tirunelveli

Grade

A

Here Grade is updated

Fees Paid

Paid

Save

Cancel

Student List

Filters

Class:

None

DOJ:

None

Address:

None

Grade:

None

Fees Paid:

None

Apply Filter

Search students...

Roll No	Name	Date of Birth	Class	Date of Joining	District	Grade	Fees Paid	Actions
95072352007	Ashok Kumar	20-11-2002	MCA	08-09-2023	Thoothukudi	O	Paid	<div>EditDelete</div>
95072352015	Hari Haran	10-02-2000	MCA	09-08-2023	Tirunelveli	O	Paid	<div>EditDelete</div>
95072352017	Hari Hara Prabhu	02-10-2002	MCA	08-09-2023	Tirunelveli	A	Paid	<div>EditDelete</div>
95072352018	Jebas	22-11-2002	MBA	09-08-2023	Thoothukudi	A	Not Paid	<div>EditDelete</div>

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5. Delete Student Data:

Student List

Filters

Class:

None

DOJ:

None

Address:

None

Grade:

None

Fees Paid:

None

Apply Filter

Search students...

Roll No	Name	Date of Birth	Class	Date of Joining	District	Grade	Fees Paid	Actions
95072352007	Ashok Kumar	20-11-2002	MCA	08-09-2023	Thoothukudi	O	Paid	<div>EditDelete</div>
95072352015	Hari Haran	10-02-2000	MCA	09-08-2023	Tirunelveli	O	Paid	<div>EditDelete</div>
95072352018	Jebas	22-11-2002	MBA	09-08-2023	Thoothukudi	A	Not Paid	<div>EditDelete</div>

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6. Search Names:

Student List

Filters

Class:

None

DOJ:

None

Address:

None

Grade:

None

Fees Paid:

None

Apply Filter

Ashok

Roll No	Name	Date of Birth	Class	Date of Joining	District	Grade	Fees Paid	Actions
95072352007	Ashok Kumar	20-11-2002	MCA	08-09-2023	Thoothukudi	O	Paid	<div>EditDelete</div>

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7. Filtering Data:

Student List

Filters

Class:

MCA

DOJ:

09-08-2023

Address:

Tirunelveli

Grade:

None

Fees Paid:

None

Apply Filter

Search students...

Roll No	Name	Date of Birth	Class	Date of Joining	District	Grade	Fees Paid	Actions
95072352015	Hari Haran	10-02-2000	MCA	09-08-2023	Tirunelveli	O	Paid	<div>EditDelete</div>

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RestAPI Output using POSTMAN

1. Create New Student:

URL: <http://localhost:8080/api/students>

The screenshot displays the Postman interface for a REST API client. The top bar shows the environment 'ASGLOCAL' and the collection 'CreateStudent'. The request method is 'POST' and the URL is 'http://localhost:8080/api/students'. The 'Body' tab is selected, showing a raw JSON payload. The response status is '201 Created' with a response time of 105 ms and a size of 408 B. The response body is shown in the 'Pretty' view, displaying the same JSON data with ISO 8601 timestamps for the DOB and DOJ fields.

Request:

```
POST http://localhost:8080/api/students
```

Body (raw):

```
{
  "studentRollno": 95072352019,
  "studentName": "Joeswa",
  "studentClass": "MCA",
  "studentDOB": "2002-09-02",
  "studentDOJ": "2023-08-09",
  "studentDistrict": "Tirunelveli",
  "studentGrade": "0",
  "studentFeesPaid": "Paid"
}
```

Response:

```
201 Created
105 ms
408 B
```

Body (Pretty):

```
{
  "studentRollno": 95072352019,
  "studentName": "Joeswa",
  "studentDOB": "2002-09-02T00:00:00.000+00:00",
  "studentClass": "MCA",
  "studentDOJ": "2023-08-09T00:00:00.000+00:00",
  "studentDistrict": "Tirunelveli",
  "studentGrade": "0",
  "studentFeesPaid": "Paid"
}
```

2. Update Student:

URL: <http://localhost:8080/api/students/95072352019>

The screenshot shows a REST client interface with the following details:

- Method:** PUT
- URL:** <http://localhost:8080/api/students/95072352019>
- Body Type:** raw (selected), JSON (available)
- Body Content:**

```
1 {  
2   "studentRollno": 95072352019,  
3   "studentName": "Joeswa Marcel",  
4   "studentClass": "MCA",  
5   "studentDOB": "2002-09-02",  
6   "studentDOJ": "2023-08-09",  
7   "studentDistrict": "Tirunelveli",  
8   "studentGrade": "0",  
9   "studentFeesPaid": "Paid"  
}
```
- Response:** 200 OK, 55 ms, 410 B
- Response Body (Pretty):**

```
1 {  
2   "studentRollno": 95072352019,  
3   "studentName": "Joeswa Marcel",  
4   "studentDOB": "2002-09-02T00:00:00.000+00:00",  
5   "studentClass": "MCA",  
6   "studentDOJ": "2023-08-09T00:00:00.000+00:00",  
7   "studentDistrict": "Tirunelveli",  
8   "studentGrade": "0",  
9   "studentFeesPaid": "Paid"  
}
```

3. View All Students:

URL: `http://localhost:8080/api/students`

The screenshot shows an HTTP client interface with the following components:

- Top Bar:** HTTP icon, ASGLOBAL / GetAllStudents, Save button, and Share button.
- Request Section:** Method: GET, URL: `http://localhost:8080/api/students`, Send button.
- Params Section:** Tabs for Params, Authorization, Headers (6), Body, Scripts, Tests, Settings. A "Query Params" table is visible with columns: Key, Value, Description, and Bulk Edit.
- Response Section:** Body, Cookies, Headers (5), Test Results. Status: 200 OK, 31 ms, 1.12 KB. Save Response button.
- Response Body:** Pretty, Raw, Preview, Visualize tabs. JSON content:

```
[
  {
    "studentRollno": 95072352007,
    "studentName": "Ashok Kumar",
    "studentDOB": "2002-11-19T18:30:00.000+00:00",
    "studentClass": "MCA",
    "studentDOJ": "2023-09-07T18:30:00.000+00:00",
    "studentDistrict": "Thoothukudi",
    "studentGrade": "0",
    "studentFeesPaid": "Paid"
  }
]
```

4. Serach Student:

URL: <http://localhost:8080/api/students/search?search=Ashok>

HTTP

ASGLOBAL / SearchStudent

Save

Share

GET

http://localhost:8080/api/students/search?search=Ashok

Send

Params

Authorization

Headers (6)

Body

Scripts

Tests

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	search	Ashok			
	Key	Value	Description		

Body

Cookies

Headers (5)

Test Results

200 OK

24 ms

410 B

Save Response

...

Pretty

Raw

Preview

Visualize

JSON

```
1  [
2    {
3      "studentRollno": 95072352007,
4      "studentName": "Ashok Kumar",
5      "studentDOB": "2002-11-19T18:30:00.000+00:00",
6      "studentClass": "MCA",
7      "studentDOJ": "2023-09-07T18:30:00.000+00:00",
8      "studentDistrict": "Thoothukudi",
9      "studentGrade": "0",
10     "studentFeesPaid": "Paid"
```


5. Filtering Student:

URL: <http://localhost:8080/api/students/search?classes=MCA&doj=09-08-2023>

The screenshot shows a REST client interface with the following details:

- HTTP Method:** GET
- URL:** `http://localhost:8080/api/students/search?classes=MCA&doj=09-08-2023`
- Params:** Authorization, Headers (6), Body, Scripts, Tests, Settings
- Query Params:**

Key	Value	Description
classes	MCA	
doj	09-08-2023	
- Body:** Cookies, Headers (5), Test Results
- Status:** 200 OK, 21 ms, 656 B
- Response Format:** JSON
- Response Body (Pretty):**

```
[
  {
    "studentRollno": 95072352015,
    "studentName": "Hari Haran",
    "studentDOB": "2000-02-09T18:30:00.000+00:00",
    "studentClass": "MCA",
    "studentDOJ": "2023-08-08T18:30:00.000+00:00",
    "studentDistrict": "Tirunelveli",
    "studentGrade": "0",
    "studentFeesPaid": "Paid"
  }
]
```

6. Delete Student:

URL: <http://localhost:8080/api/students/95072352019>

The screenshot shows a REST client interface with the following components:

- Top Bar:** HTTP icon, "ASGLOBAL / DeleteStudent", "Save" button, and "Share" button.
- Request Section:** Method "DELETE" and URL "http://localhost:8080/api/students/95072352019". A "Send" button is on the right.
- Params Section:** Tabs for "Params", "Authorization", "Headers (6)", "Body", "Scripts", "Tests", "Settings", and "Cookies". Below is a "Query Params" table:

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		
- Response Section:** Tabs for "Body", "Cookies", "Headers (5)", and "Test Results". Status bar shows "200 OK", "43 ms", "200 B", and icons for "Save Response" and a menu. Below are tabs for "Pretty", "Raw", "Preview", "Visualize", and "Text". The response body is:

```
1 Rollno 95072352019 has been deleted.
```
- Bottom Bar:** Icons for "Postman", "Run", "Start Proxy", "Cookies", "Vault", and "Trash".