



SPORTS SOURCE WEB APPLICATION

Service Layer Design

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Overview of Service Layer Design

The first service layer users will interact with is authentication and authorization. Following this, users will interact with other service layers, including database services and services for CRUD operations. The information provided in this document will detail the service layers and endpoints.

Endpoints

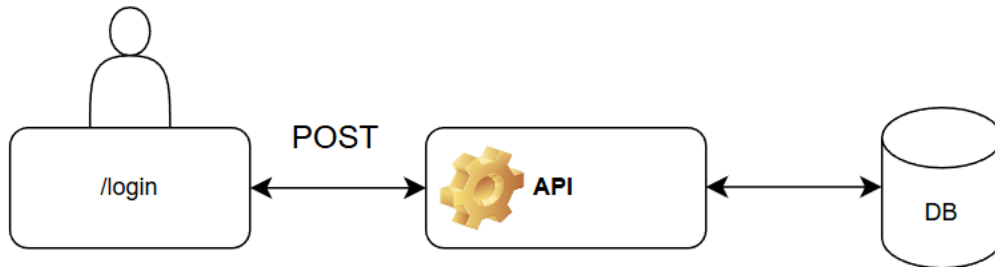
sportssourceinc.org		
Page	Endpoint	HTTP Method
Login	/login	POST
Request to Join	/join	POST
Contact	/contact	POST
Home	/home	Static Page
Personal Information	/info/{user-id}	GET
Personal Information	/info/{user-id}	POST
Personal Information	/info/{user-id}	PUT
Training	/training/{user-id}	GET
Admin Portal Home	/admin	Static Page
Member Lookup	/member/{user-id}	GET
Update Member	/member-update/{user-id}	PUT
Delete Member	/member/{user-id}	DELETE
Admin Training	/admin-training/{user-id}	GET
Admin Training	/admin-training/{user-id}	PUT
Reports	/reports	GET

- Sportssourceinc.org/login



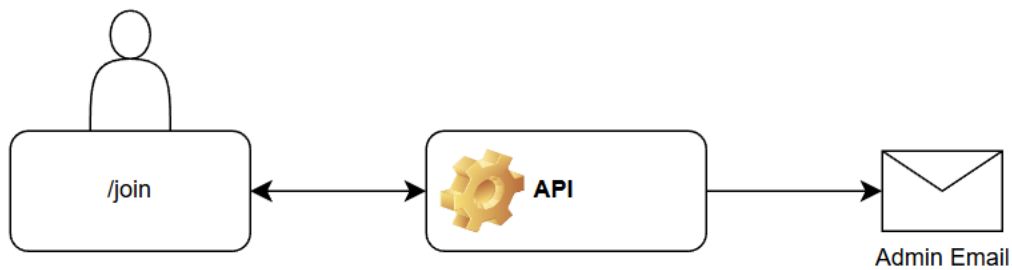
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- Purpose: When a member of Sports Source navigates to the application, they will enter their username and password to access the application.



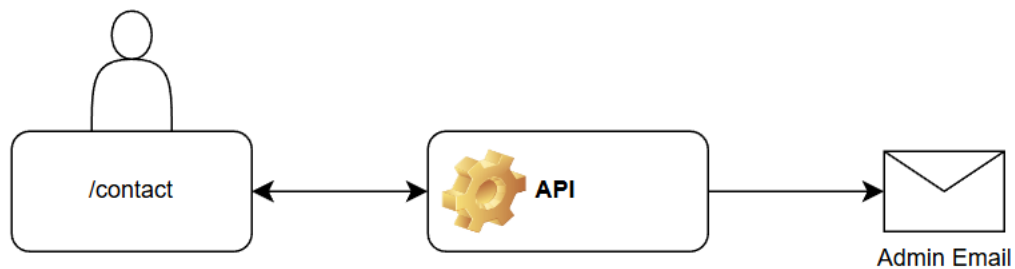
- Sportssourceinc.org/join

- Purpose: Sports Source is a closed group that requires the approval of an admin to join. Users can request to join by filling out and submitting a form.



- Sportssourceinc.org/contact

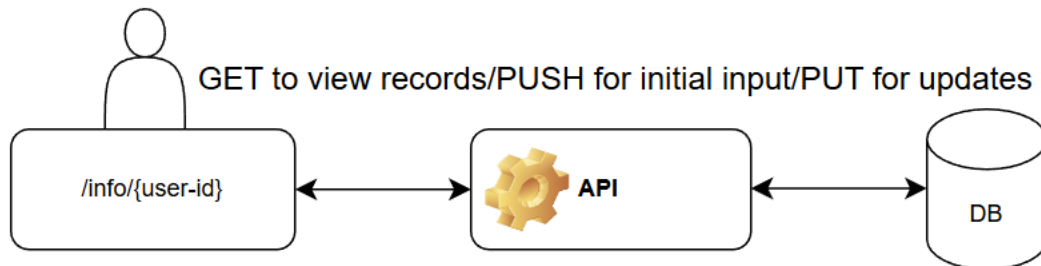
- Purpose: Users can use the contact form to send questions to the admin.



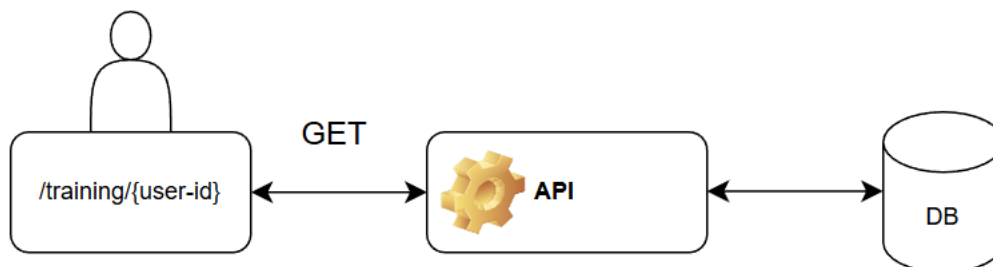
- Sportssourceinc.org/home

- Purpose: The home page is a static page that provides information to users.

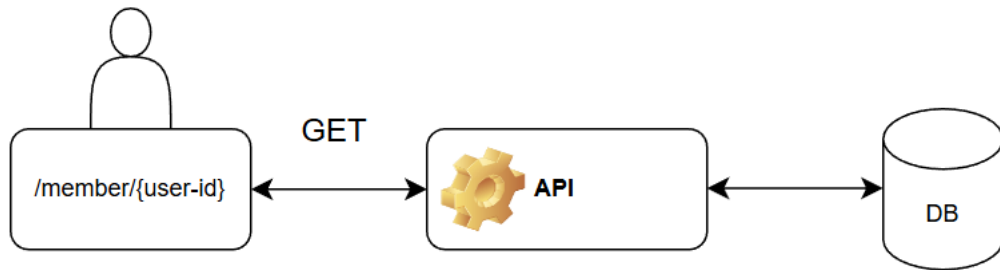
- Sportssourceinc.org/info/{user-id}
 - Purpose: Users can look up and update their personal information, such as phone number, email, and emergency contact.



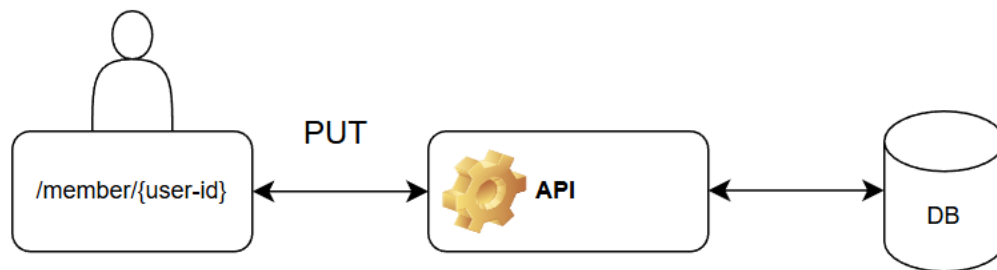
- Sportssourceinc.org/training/{user-id}
 - Purpose: Users can look at the status of assigned training and see if they are eligible to volunteer.



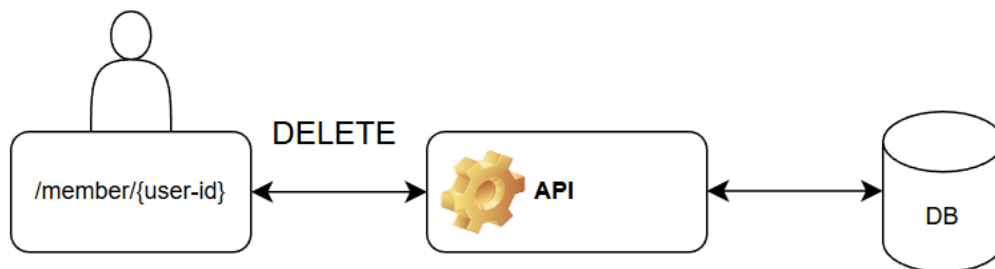
- Sportssourceinc.org/admin
 - Purpose: Provide a landing page for the admin portal. This is a static webpage that gives users the ability to select what they would like to view.
- Sportssourceinc.org/member/{user-id}
 - Purpose: Admin users can look up personal information for group members.



- Sportssourceinc.org/member-update/{user-id}
 - Purpose: Admin users can make updates to data if required.



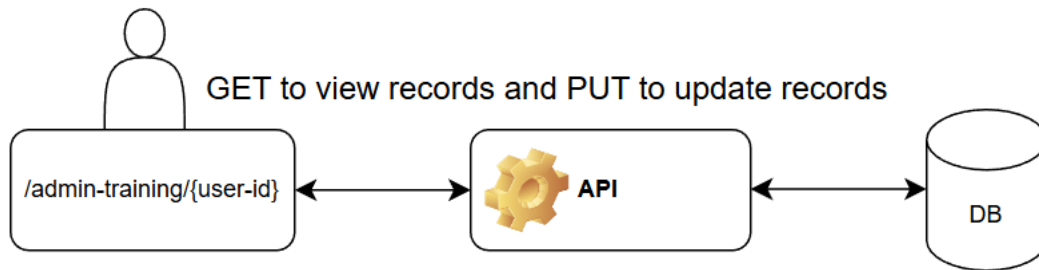
- Sportssourceinc.org/member-update/{user-id}
 - Purpose: Admin users can delete records as required.



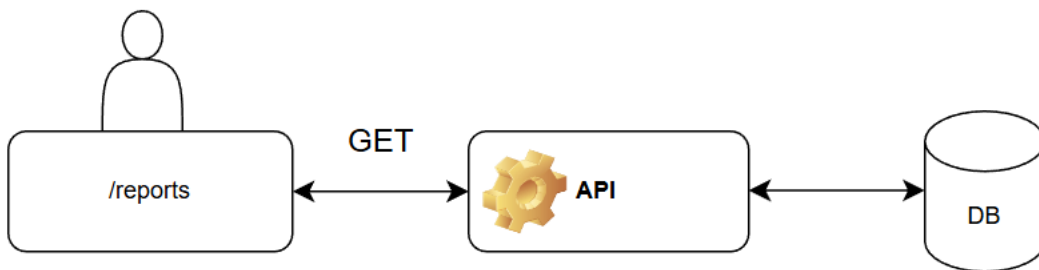
- Sportssourceinc.org/admin-training/{user-id}
 - Purpose: Admin users can view the training status of group members and update completion dates if required.



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- Sportssourceinc.org/reports
 - Purpose: Gives admin users the ability to select criteria to run reports and view training status.



Requests and Responses

1. Request:

POST /login

Content-Type: application/JSON

```
{  
  "username": "fred.flinstone",  
  "password": "password"  
}
```

Response:

200 Login Successful

2. Request:



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POST /join

Content-Type: application/JSON

```
{
  "first name": "fred.flinstone",
  "last name": "password"
  "email": ""
  "referred by": Jane Doe
}
```

Response:

405 Invalid Input

3. Request:

GET /member/{user-id}

Content-Type: application/JSON

```
{
  "member": "fred.flinstone",
}
```

Response:

200 Successful Operation

4. Request:

POST /info/{user-id}

Content-Type: application/JSON

```
{
  "first name": "fred.flinstone",
  "last name": "password"
  "phone number": 576-676-676
  "email": email@email.com
}
```

Response:



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405 Invalid Input

5. Request:

POST /login

Content-Type: application/JSON

```
{  
  "username": "jim.smith",  
  "password": "wrongpassword"  
}
```

Response:

404 User Not Found or Incorrect Password