

FastAPI (0.1.0)

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Student

Create Student

REQUEST BODY SCHEMA: `application/json`

<code>name</code> <code>required</code>	string (Name)
<code>roll_number</code> <code>required</code>	string (Roll Number)
<code>course</code> <code>required</code>	string (Course)
<code>department</code> <code>required</code>	string (Department)
<code>year_of_admission</code> <code>required</code>	integer (Year Of Admission)
<code>email</code> <code>required</code>	string (Email)
<code>password</code> <code>required</code>	string (Password)

Responses

> **200** Successful Response

> 422 Validation Error

POST /signUp

Request samples

Payload

Content type
application/json

Copy

```
{
  "name": "string",
  "roll_number": "string",
  "course": "string",
  "department": "string",
  "year_of_admission": 0,
  "email": "string",
  "password": "string"
}
```

Response samples

200

422

Content type
application/json

Copy

```
{
  "name": "string",
  "roll_number": "string",
  "course": "string",
  "department": "string",
  "year_of_admission": 0,
  "email": "string",
  "password": "string",
  "id": 0
}
```

Login

REQUEST BODY SCHEMA: application/x-www-form-urlencoded

grant_type	string (Grant Type) password
username required	string (Username)
password required	string (Password)
scope	string (Scope) Default: ""
client_id	string (Client Id)
client_secret	string (Client Secret)

Responses

> 200 Successful Response

> 422 Validation Error

POST /login

Response samples

200

422

Content type
application/json

null

Copy

Get Student

AUTHORIZATIONS: >

OAuth2PasswordBearer

Responses

> 200 Successful Response

GET

/getStudentDetails

Response samples

200

Content type

application/json

Copy

null

Recommended Friend

AUTHORIZATIONS: >

OAuth2PasswordBearer

Responses

> 200 Successful Response

GET /friend_recommended

Response samples

200

Content type
application/json

Copy

null

book

Add Book

REQUEST BODY SCHEMA: application/json

Array [
title required	string (Title)
author required	string (Author)
genre required	string (Genre)
year_of_publication required	integer (Year Of Publication)
isbn required	string (Isbn)
]	

Responses

> 200 Successful Response

> 422 Validation Error

POST /book/addBook

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "title": "string",
    "author": "string",
    "genre": "string",
    "year_of_publication": 0,
    "isbn": "string"
  }
]
```

Response samples

200

422

Content type

application/json

Copy

null

Update Book

REQUEST BODY SCHEMA: application/json

Array [

isbn	string (Isbn)
required	
title	string (Title)
author	string (Author)
genre	string (Genre)
year_of_publication	integer (Year Of Publication)

]

Responses

- > 200 Successful Response
- > 422 Validation Error

PUT /book/updateBook

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
[
  - {
    "isbn": "string",
    "title": "string",
    "author": "string",
    "genre": "string",
    "year_of_publication": 0
  }
]
```

Response samples

200

422

Content type

application/json

Copy

null

Delete Book

REQUEST BODY SCHEMA: application/json

Array [
 string
]

Responses

- > 200 Successful Response
- > 422 Validation Error

DELETE /book/deleteBook

Request samples

Payload

Content type

application/json

Copy

[
 "string"
]

Response samples

200

422

Content type
application/json

null

Copy

Get All Books

QUERY PARAMETERS

skipinteger (Skip)
Default: 0

limitinteger (Limit)
Default: 100

Responses

> 200 Successful Response

> 422 Validation Error

GET /book/getAllBook

Response samples

200

422

Content type
application/json

Copy Expand all Collapse all

```
[
  - {
    "title": "string",
    "author": "string",
    "genre": "string",
    "year_of_publication": 0,
    "isbn": "string",
    "id": 0,
    "available": true
  }
]
```

Addbook

QUERY PARAMETERS

path required	string (Path)
------------------	---------------

Responses

- > 200 Successful Response
- > 422 Validation Error

POST /book/add_book_csv

Response samples

200

422

Content type
application/json

Copy

Recommend Books

Genre = []

AUTHORIZATIONS: > OAuth2PasswordBearer

QUERY PARAMETERS

genre	string (Genre)
required	

Responses

- > 200 Successful Response
- > 422 Validation Error

GET /book/recommend_book

Response samples

200

422

Content type
application/json

null

Copy

autocomplete_book_search

Autocomplete

Provides an auto-complete feature for student searching. :param q: The search query. :return: A list of student names matching the search query.

QUERY PARAMETERS

q

required

string (Q)

non-empty

Responses

- > 200 Successful Response
- > 422 Validation Error

GET /book_search/sname

Response samples

200

422

Content type
application/json

Copy

```
[  
  "string"  
]
```

Autocomplete

Provides an auto-complete feature for student searching.

QUERY PARAMETERS

q
required

string (Q) non-empty

Responses

- > 200 Successful Response
- > 422 Validation Error

GET /book_search/scourse

Response samples

200

422

Content type
application/json

Copy

```
[  
  "string"  
]
```

Autocomplete

Provides an auto-complete feature for student searching..

QUERY PARAMETERS

q
required

string (Q) non-empty

Responses

> 200 Successful Response

> 422 Validation Error

GET /book_search/sdepartment

Response samples

200

422

Content type

application/json

Copy

```
[
  "string"
]
```

book_search

Autocomplete

Provides an auto-complete feature for student searching.

:param q: The search query. :param db: The database session. :return: A list of student names matching the search query.

QUERY PARAMETERS

q
required

string (Q) non-empty

Responses

- > 200 Successful Response
- > 422 Validation Error

GET /student_search/book_title

Response samples

200

422

Content type
application/json

Copy

```
[  
  "string"  
]
```

Autocomplete

Provides an auto-complete feature for student searching.

:param q: The search query. :param db: The database session. :return: A list of student names matching the search query.

QUERY PARAMETERS

q
required

string (Q) non-empty

Responses

- > 200 Successful Response
- > 422 Validation Error

GET /student_search/book_author

Response samples

200

422

Content type
application/json

Copy

```
[
  "string"
]
```

connection

Create Connection

Send a connection request to another user.

AUTHORIZATIONS: > OAuth2PasswordBearer

REQUEST BODY SCHEMA: application/json

receiver_id integer (Receiver Id)

Responses

- > 200 Successful Response
- > 422 Validation Error

POST /connection/request}

Request samples

Payload

Content type
application/json

Copy

```
{
  "receiver_id": 0
}
```

Response samples

200

422

Content type
application/json

Copy

```
{
  "sender_id": 0,
  "receiver_id": 0,
  "id": 0,
  "status": "string",
  "created_at": "2019-08-24T14:15:22Z"
}
```

Accept Connection

AUTHORIZATIONS: > OAuth2PasswordBearer

REQUEST BODY SCHEMA: application/json

sender_id
required

integer (Sender Id)

Responses

- > 200 Successful Response
- > 422 Validation Error

POST /connection/accept

Request samples

Payload

Content type
application/json

```
{  
  "sender_id": 0  
}
```

Copy

Response samples

200

422

Content type
application/json

Copy

```
{
  "sender_id": 0,
  "receiver_id": 0,
  "id": 0,
  "status": "string",
  "created_at": "2019-08-24T14:15:22Z"
}
```

Reject Connection

AUTHORIZATIONS: >

OAuth2PasswordBearer

REQUEST BODY SCHEMA:

application/json

sender_id required	integer (Sender Id)
-----------------------	---------------------

Responses

- > 200 Successful Response
- > 422 Validation Error

DELETE

/connection/connection_req_reject

Request samples

Payload

Content type

application/json

Copy

```
{
  "sender_id": 0
}
```

Response samples

200

422

Content type
application/json

Copy

```
{
  "sender_id": 0,
  "receiver_id": 0,
  "id": 0,
  "status": "string",
  "created_at": "2019-08-24T14:15:22Z"
}
```

Admin

Signup

REQUEST BODY SCHEMA: application/json

name required	string (Name)
email required	string (Email)
role required	string (Role)
password required	string (Password)

Responses

> 200 Successful Response

> 422 Validation Error

POST /admin/signup

Request samples

Payload

Content type
application/json

Copy

```
{
  "name": "string",
  "email": "string",
  "role": "string",
  "password": "string"
}
```

Response samples

200

422

Content type
application/json

Copy

null

Signin

REQUEST BODY SCHEMA: application/json

email
required

string (Email)

password
required

string (Password)

Responses

- > 200 Successful Response
- > 422 Validation Error

POST /admin/signin

Request samples

Payload

Content type
application/json

Copy

```
{
  "email": "string",
  "password": "string"
}
```

Response samples

200

422

Content type
application/json

Copy

null

My Profile

Responses

> 200 Successful Response

GET /admin/my_profile

Response samples

200

Content type
application/json

null

Copy

Logout

Responses

> 200 Successful Response

GET /admin/logout

Response samples

200

Content type
application/json

Copy

null

Book Borrow

Book Issue Request

AUTHORIZATIONS: > *OAuth2PasswordBearer*

REQUEST BODY SCHEMA: application/json

isbn	string (Isbn)
required	

Responses

- > 200 Successful Response
- > 422 Validation Error

POST /book_issue/request

Request samples

Payload

Content type
application/json

Copy

```
{
  "isbn": "string"
}
```

Response samples

200

422

Content type
application/json

Copy

null

Book Issue Action

AUTHORIZATIONS: > OAuth2PasswordBearer

REQUEST BODY SCHEMA: application/json

isbn required	string (Isbn)
------------------	---------------

status required	string (Status)
--------------------	-----------------

Responses

> 200 Successful Response

> 422 Validation Error

POST /book_issue/action

Request samples

Payload

Content type

application/json

Copy

```
{
  "isbn": "string",
  "status": "string"
}
```

Response samples

200

422

Content type

application/json

Copy

```
null
```