

1. Health Check

Method	URL	Auth	Request Body	Response
GET	/ping	No	None	{ "message": "pong" }

2. Authentication

2.1 Send Verification Code

Method	URL	Auth	Request Body	Response
POST	/auth/send-code	No	{ "email": "example@example.com" }	{ "message": "Verification code sent successfully" }

2.2 Sign-Up

Method	URL	Auth	Request Body	Response
POST	/auth/sign-up/\:role	No	{ "code": 123456, "first_name": "John", "last_name": "Doe", "email": "email@example.com", "password": "password123" }	{ "message": "student/professor registered successfully" }

Notes: `:role` can be `student` or `professor`. `code` must match the verification code sent via `/send-code`.

2.3 Sign-In

Method	URL	Auth	Request Body	Response
POST	/auth/sign-in/\:role	No	{ "email": "email@example.com", "password": "password123" }	{ "token": "<jwt>", "role": "student/professor" }

3. Students

Method	URL	Auth	Request Body	Response	Notes
GET	/api/students/me	Yes	None	Student object	Get logged-in student profile
PUT	/api/students/me	Yes	Partial student object, e.g., <pre>{ "first_name": "Jane" }</pre>	Updated student object	Update profile
DELETE	/api/students/me	Yes	None	<pre>{ "message": "student deleted" }</pre>	Delete profile

4. Professors

Method	URL	Auth	Request Body	Response	Notes
GET	/api/professors/me	Yes	None	Professor object	Get logged-in professor profile
PUT	/api/professors/me	Yes	Partial professor object	Updated professor object	Update profile
DELETE	/api/professors/me	Yes	None	<pre>{ "message": "professor deleted" }</pre>	Delete profile

5. Opportunities

Method	URL	Auth	Request Body	Response	Notes
GET	/api/opportunities/{id}	Yes	None	Opportunity object	View opportunity by ID
GET	/api/opportunities/me	Yes	None	List of opportunities	Only professor, view their own opportunities

Method	URL	Auth	Request Body	Response	Notes
PUT	/api/opportunities/\:id	Yes	Partial opportunity object	Updated opportunity	Only owner professor
DELETE	/api/opportunities/\:id	Yes	None	<pre>{ "message": "opportunity deleted" }</pre>	Only owner professor

6. Applications

Method	URL	Auth	Request Body	Response	Notes
GET	/api/applications/opportunity/\:id	Yes	None	List of applications	Only owner professor
DELETE	/api/applications/	Yes	<pre>{ "opportunity_id": 1 }</pre>	<pre>{ "message": "application deleted" }</pre>	Only student for their own applications

7. Coins

Method	URL	Auth	Request Body	Response	Notes
GET	/api/coins/me	Yes	None	List of coins	Only student
PUT	/api/coins/increment	Yes	<pre>{ "amount": 10 }</pre>	<pre>{ "message": "coins incremented" }</pre>	Only student

Authorization: All `/api/*` endpoints require `Authorization: Bearer <JWT>` header.