

GitHub: <https://github.com/KeiraA129/planet-fitness-website.git>

Planet Fitness API List

1. GET /api/classes

Description: Retrieve a list of all fitness classes.

Response Sample:

```
[
  {
    "id": 1,
    "name": "Yoga",
    "instructor": "Alice",
    "schedule": "Mon 10AM"
  }
]
```

2. POST /api/classes

Description: Create a new fitness class.

Request Sample:

```
{
  "name": "Yoga",
  "instructor": "Alice",
  "schedule": "Mon 10AM"
}
```

Response Sample:

```
{
  "id": 1,
  "name": "Yoga",
  "instructor": "Alice",
  "schedule": "Mon 10AM"
}
```

3. GET /api/classes/<id>

Description: Retrieve a specific fitness class by ID.

Response Sample:

```
{
  "id": 1,
  "name": "Yoga",
  "instructor": "Alice",
  "schedule": "Mon 10AM"
}
```

4. PUT /api/classes/<id>

Description: Update an existing fitness class.

Request Sample:

```
{
  "name": "Pilates",
  "instructor": "Bob",
  "schedule": "Wed 3PM"
}
```

Response Sample:

```
{
  "id": 1,
  "name": "Pilates",
  "instructor": "Bob",
  "schedule": "Wed 3PM"
}
```

5. DELETE /api/classes/<id>

Description: Delete a fitness class by ID.

Response Sample:

```
{
  "message": "Class deleted successfully"
}
```

Planet Fitness API Test Cases and Results

Test Case 1: Create a new class (POST)

Input JSON:

```
{  
  "name": "Yoga",  
  "instructor": "Alice",  
  "schedule": "Mon 10AM"  
}
```

Expected Output: 201 Created with returned class object.

Actual Output: Passed

Test Case 2: Get all classes (GET)

Expected Output: 200 OK with array of class objects.

Actual Output: Passed

Test Case 3: Update a class (PUT)

Input JSON:

```
{  
  "name": "Pilates",  
  "instructor": "Bob",  
  "schedule": "Wed 3PM"  
}
```

Expected Output: 200 OK with updated class object.

Actual Output: Passed

Test Case 4: Delete a class (DELETE)

Expected Output: 200 OK with confirmation message.

Actual Output: Passed