

API Documentation & Verification Report

This document serves as confirmation that the API Endpoints have been completed as to the most recent specified requirements and performance expectations.

Testing was done through Swagger UI, a FastAPI in-built extension and a localhost PostgreSQL Database with sample data stored in the ./api/sampleddata directory.

How to conduct testing

- 1) If not already done, begin by initializing the SportsIOT database on pgAdmin
 - a) In ./api/sampleddata, initialize the database using init_db.sql
 - b) Run insert_data.py to insert sample data
 - c) If needed, modify line 11 in insert_data.py to accommodate the database port (default port 5432)
- 2) In a separate terminal, go into the ./api directory and start the API

```
python -m uvicorn main:app --reload
```

You should now see Uvicorn running the API on <http://127.0.0.1:8000>.

- 3) To test the API Endpoints using Swagger UI,
 - a) Navigate to <http://127.0.0.1:8000/docs>
 - b) Select the desired endpoint and click “Try it out”

GET Endpoints

Retrieve all games

Endpoint: GET /games

Description: Retrieves all games from the database.

Authentication: Required (‘device_id` and `device_key` in headers).

Sample cURL Request

```
curl -X 'GET' \
  'http://127.0.0.1:8000/games' \
  -H 'accept: application/json' \
  -H 'device-id: device_id_1' \
  -H 'device-key: devicekey'
```

Response Structure

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

Possible Errors

- 403 Forbidden → Missing or invalid authentication headers.
- 500 Internal Server Error → Database connection issue.

Testing

Successful Test

Parameters: {device-id: "device_id_1", device-key: "devicekey"}

The screenshot displays a REST client interface with a 'Server response' section. It shows a 200 status code and a JSON response body. The JSON contains an array of game objects. The first game is from 2023-06-18, Washington St. vs California, with a score of 59-100, won by California. The second game is from 2024-09-04, UCLA vs USC, with a score of 72-87, won by USC. The third game is from 2024-10-15. The response also includes headers: content-length: 2095, content-type: application/json, date: Fri, 31 Jan 2025 09:05:20 GMT, and server: uvicorn.

```
Server response
Code    Details
200
Response body
{
  "games": [
    {
      "date": "2023-06-18",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "California",
      "score": {
        "away": 59,
        "home": 100
      },
      "winner": "California",
      "sport": "Basketball (M)"
    },
    {
      "date": "2024-09-04",
      "time": "22:00:00",
      "away_team": "UCLA",
      "home_team": "USC",
      "score": {
        "away": 72,
        "home": 87
      },
      "winner": "USC",
      "sport": "Basketball (M)"
    },
    {
      "date": "2024-10-15",

```

Response headers

```
content-length: 2095
content-type: application/json
date: Fri, 31 Jan 2025 09:05:20 GMT
server: uvicorn
```

Parameters: {device-id: "admin_id_1", admin-key: "adminkey"}

Server response

Code	Details
200	<p>Response body</p> <pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (W)" }, { "date": "2024-09-04", "time": "22:00:00", "away_team": "UCLA", "home_team": "USC", "score": { "away": 72, "home": 87 }, "winner": "USC", "sport": "Basketball (W)" }, { "date": "2024-10-15", </pre> <p>Response headers</p> <pre>content-length: 2095 content-type: application/json date: Fri, 31 Jan 2025 09:05:53 GMT server: uvicorn</pre>

Unsuccessful Test

Parameters: {device-id: "device_id_1", device-key: "wrongkey"}

Server response

Code	Details
403 <i>Undocumented</i>	<p>Error: Forbidden</p> <p>Response body</p> <pre>{ "detail": "Unauthorized device" }</pre> <p>Response headers</p> <pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 09:06:38 GMT server: uvicorn</pre>

Get Games with Team

Endpoint: GET /games/{team}

Description: Retrieves all games that involve the specified team.

Authentication: Required (`device_id` and `device_key` in headers).

Path Parameter:

- `team` (string) → The name of the team to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/Washington%20St." \
-H "device-id: device_id_1" \
-H "device-key: devicekey"
```

Response Structure

Games found for “Team”

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “Team”

```
{
  "games": []
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.


Testing

Successful Tests

Game found for team

Parameters: {team: “Washington St.”, device-id: “device_id_1”, device-key: devicekey}


Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (W)" }, { "date": "2024-03-13", "time": "17:00:00", "away_team": "Washington St.", "home_team": "Arizona", "score": { "away": 3, "home": 1 }, "winner": "Washington St.", "sport": "Volleyball (W)" }] }</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 353 content-type: application/json date: Fri, 31 Jan 2025 09:07:14 GMT server: uvicorn</pre>

No games found for team

Parameters: {team: "Alabama", device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [] }</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 12 content-type: application/json date: Fri, 31 Jan 2025 09:07:59 GMT server: uvicorn</pre>

Unsuccessful Tests

NULL team parameter

Parameters: {team: NULL, device-id: "device_id_1", device-key: "devicekey"}

Parameters Cancel

Name	Description
team * required (path)	<input type="text" value="team"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>

Please correct the following validation errors and try again.

- For 'team': Required field is not provided.

Failed authentication

Parameters: {team: "Washington St.", device-id: "device_id_1", device-key: "wrongkey"}

Server response

Code	Details
403 <small>undocumented</small>	Error: Forbidden <div>Response body</div> <pre>{ "detail": "Unauthorized device" }</pre> <div>Response headers</div> <pre>content-length: 32 content-type: application/json date: Fri,31 Jan 2025 09:08:59 GMT server: uvicorn</pre>

Retrieve games by sport

Endpoint: GET /games/sport/{sport}

Description: Retrieves games for a specific sport.

Authentication: Required (`device_id` and `device_key` in headers).

Path Parameter:

- `sport` (string) → The name of the sport to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/sport/Basketball%20(M) " \
-H "device-id: device_id_1" \
-H "device-key: devicekey"
```

Response Structure

Games found for “Sport”

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “Sport”

```
{
  "games": []
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.

Testing

Successful Tests

Game found for sport

Parameters: {sport: “Volleyball (W)”, device-id: “device_id_1”, device-key: “devicekey”}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [{ "date": "2024-10-15", "time": "17:30:00", "away_team": "Arizona", "home_team": "UCLA", "score": { "away": 2, "home": 3 }, "winner": "UCLA", "sport": "Volleyball (W)" }, { "date": "2023-07-17", "time": "16:00:00", "away_team": "Colorado", "home_team": "Arizona St.", "score": { "away": 3, "home": 2 }, "winner": "Colorado", "sport": "Volleyball (W)" }, { "date": "2024-03-13", </pre><p>Response headers</p><pre>content-length: 804 content-type: application/json date: Fri, 31 Jan 2025 09:09:46 GMT server: uvicorn</pre></div>

No game found for sport

Parameters: {sport: "Volleyball (M)", device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [] }</pre><p>Response headers</p><pre>content-length: 12 content-type: application/json date: Fri, 31 Jan 2025 09:11:47 GMT server: uvicorn</pre></div>

Unsuccessful Tests

NULL sport parameter

Parameters: {sport: NULL, device-id: "device_id_1", device-key: "devicekey"}

Parameters Cancel

Name	Description
sport * required string (path)	<input type="text" value="sport"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>

Please correct the following validation errors and try again.

- For 'sport': Required field is not provided.

Failed authentication

Parameters: {sport: "Basketball (M)", device-id: "device_id_1", device-key: "wrongkey"}

Server response	
Code	Details
403 <small>undocumented</small>	<div>Error: Forbidden</div> <div>Response body</div> <div><pre>{ "detail": "Unauthorized device" }</pre></div> <div>Response headers</div> <div><pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 09:15:13 GMT server: uvicorn</pre></div>

Retrieve games by date

Endpoint: GET /games/date/{date}

Description: Retrieves games occurring on a specific date.

Authentication Required: Yes (device_id and device_key in headers).

Path Parameter:

- `date` (string) → The date to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/date/2025-01-27" \
-H "device-id: device_id_1" \
-H "device-key: devicekey"
```

Response Structure

Games found for "date"

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “date”

```
{
  "games": []
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.


Testing

Successful Tests

Game found for date

Parameters: {date: “2024-12-30”, device-id: “device_id_1”, device-key: “devicekey”}


Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [{ "date": "2024-12-30", "time": "20:00:00", "away_team": "Arizona", "home_team": "Colorado", "score": { "away": 2, "home": 3 }, "winner": "Colorado", "sport": "Volleyball (W)" }] }</pre><div> Download</div></div> <div><p>Response headers</p><pre>content-length: 169 content-type: application/json date: Fri, 31 Jan 2025 09:21:27 GMT server: uvicorn</pre></div>

No game found for date

Parameters: {date: “2024-12-29”, device-id: “device_id_1”, device-key: “devicekey”}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [] }</pre><div> Download</div></div> <div><p>Response headers</p><pre>content-length: 12 content-type: application/json date: Fri, 31 Jan 2025 09:21:49 GMT server: uvicorn</pre></div>

Unsuccessful Tests

NULL date parameter

Parameters: {date: NULL, device-id: "device_id_1", device-key: "devicekey"}

The screenshot shows a REST client interface with a 'Parameters' tab. It lists three parameters: 'date' (string, path, required), 'device-id' (string, header, required), and 'device-key' (string, header, required). The 'date' field is empty and highlighted in red. Below the parameters, a red box contains the message: 'Please correct the following validation errors and try again.' with a bullet point: 'For 'date': Required field is not provided.'

Failed authentication

Parameters: {date: "2024-12-30", device-id: "device_id_1", device-key: "wrongkey"}

The screenshot shows a REST client interface with a 'Server response' tab. It displays a 403 Forbidden response with the message 'Error: Forbidden'. The response body is shown as a JSON object: { "detail": "Unauthorized device" }. The response headers are also visible: content-length: 32, content-type: application/json, date: Fri, 31 Jan 2025 09:26:25 GMT, server: uvicorn.

Retrieve games by time

Endpoint: GET /games/time/{time}

Description: Retrieves games occurring at a specific time.

Authentication Required: Yes (device_id and device_key in headers).

Path Parameter:

- `time` (string) → The time to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/time/18:30:00" \  
  -H "device-id: device_id_1" \  
  -H "device-key: devicekey"
```

Response Structure

Games found for “time”

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “time”

```
{
  "games": []
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.

Testing


Successful Tests

Game found for time

Parameters: {time: “18:30”, device-id: “device_id_1”, device-key: “devicekey”}

Server response


Code	Details
200	<div>Response body<pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (M)" }] }</pre></div> <div>Response headers<pre>content-length: 183 content-type: application/json date: Fri,31 Jan 2025 09:26:56 GMT server: uvicorn</pre></div>

 Download

No game found for time

Parameters: {time: "07:00", device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<div><div>Response body</div><pre>{ "games": [] }</pre><div> Download</div></div> <div><div>Response headers</div><pre>content-length: 12 content-type: application/json date: Fri, 31 Jan 2025 09:27:24 GMT server: unicorn</pre></div>

Unsuccessful Tests

NULL time parameter

Parameters: {time: NULL, device-id: "device_id_1", device-key: "devicekey"}

Parameters Cancel

Name	Description
time * required string (path)	<input type="text" value="time"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>


Please correct the following validation errors and try again.

- For 'time': Required field is not provided.

Failed authentication

Parameters: {time: "18:30", device-id: "device_id_1", device-key: "wrongkey"}

Server response

Code	Details
403 <i>Undocumented</i>	<div><div>Error: Forbidden</div><div><div>Response body</div><pre>{ "detail": "Unauthorized device" }</pre><div> Download</div></div><div><div>Response headers</div><pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 09:27:50 GMT server: unicorn</pre></div></div>

Retrieve games by date and time

Endpoint: `GET /games/date/{date}/time/{time}`

Description: Retrieves games occurring on a specific date and time.

Authentication Required: Yes (device_id and device_key in headers).

Path Parameter:

- `date` (string) → The date to search for.

- `time` (string) → The time to search for.

Sample cURL Request

```
curl -X GET
"http://127.0.0.1:8000/games/date/2025-01-27/time/18:30:00" \
-H "device-id: device_id_1" \
-H "device-key: devicekey"
```

Response Structure

Games found for “date” and “time”

```
{
  "games": [
    {
      "date": "2025-01-27",
      "time": "18:30:00",
      "away_team": "Washington St.",
      "home_team": "Miami",
      "score": {"away": 85, "home": 78},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “date” and “time”

```
{
  "games": []
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.

Testing

Successful Tests

Game found for date and time

Parameters: {date: "2023-06-18", time: "18:30", device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<p>Response body</p> <pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (W)" }] }</pre> <p>Response headers</p> <pre>content-length: 183 content-type: application/json date: Fri,31 Jan 2025 09:30:28 GMT server: uvicorn</pre>

No game found for date and time

Parameters: {date: "2023-06-18", time: "07:00", device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<p>Response body</p> <pre>{ "games": [] }</pre> <p>Response headers</p> <pre>content-length: 12 content-type: application/json date: Fri,31 Jan 2025 09:32:47 GMT server: uvicorn</pre>

Unsuccessful Tests

NULL date parameter

Parameters: {date: NULL, time: "18:30", device-id: "device_id_1", device-key: "devicekey"}

Parameters

Cancel

Name	Description
date * required string (path)	<input type="text" value="date"/>
time * required string (path)	<input type="text" value="18:30"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>

Please correct the following validation errors and try again.

- For 'date': Required field is not provided.

NULL time parameter

Parameters: {date: "2023-06-18", time: NULL, device-id: "device_id_1", device-key: "devicekey"}

Parameters

Cancel

Name	Description
date * required string (path)	<input type="text" value="2023-06-18"/>
time * required string (path)	<input type="text" value="time"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>


Please correct the following validation errors and try again.

- For 'time': Required field is not provided.

Failed authentication

Parameters: {date: "2023-06-18", time: "18:30", device-id: "device_id_1", device-key: "wrongkey"}

Server response

Code	Details
403 <i>Undocumented</i>	Error: Forbidden Response body <pre>{ "detail": "Unauthorized device" }</pre>  Download Response headers <pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 09:33:44 GMT server: uvicorn</pre>

Retrieve games with minimum score

Endpoint: GET /games/score/{min_score}

Description: Retrieves games where either team has scored at least min_score points.

Authentication Required: Yes (device_id and device_key in headers).

Path Parameter:

- `min_score` (integer) → The minimum score to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/score/80" \  
  -H "device-id: device_id_1" \  
  -H "device-key: devicekey"
```

Response Structure

Games found with minimum score

```
{  
  "games": [  
    {  
      "date": "2025-01-27",  
      "time": "18:30:00",  
      "away_team": "Washington St.",  
      "home_team": "Miami",  
      "score": {"away": 85, "home": 78},  
      "winner": "Washington St.",  
      "sport": "Basketball (M)"  
    }  
  ]  
}
```

No games found with minimum score

```
{  
  "games": []  
}
```

```
}
```

Possible Errors

- 403 Forbidden → Invalid or missing authentication headers.
- 500 Internal Server Error → Database connection issues.

Testing

Successful Tests

Game found for team with minimum score

Parameters: {min_score: 100, device-id: "device_id_1", device-key: "devicekey"}


Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (W)" }]}</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 183 content-type: application/json date: Fri, 31 Jan 2025 19:44:35 GMT server: uvicorn</pre>

No game found for team with minimum score

Parameters: {min_score: 200, device-id: "device_id_1", device-key: "devicekey"}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": []}</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 12 content-type: application/json date: Fri, 31 Jan 2025 19:44:53 GMT server: uvicorn</pre>

Unsuccessful Tests

NULL min_score parameter

Parameters: {min_score: NULL, device-id: "device_id_1", device-key: "devicekey"}

Parameters

Cancel

Name	Description
min_score * required integer (path)	<input type="text" value="min_score"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>

Please correct the following validation errors and try again.

- For 'min_score': Required field is not provided.

Failed authentication

Parameters: {min_score: 100, device-id: "admin_id_1", device-key: "devicekey"}

Server response

Code	Details
403 <small>undocumented</small>	<div>Error: Forbidden</div> <div>Response body</div> <div><pre>{ "detail": "Unauthorized device"}</pre></div> <div>Response headers</div> <div><pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 19:45:43 GMT server: uvicorn</pre></div>

Retrieve followed games based on UID

Endpoint: GET /games/followed/{device_uid}

Description: Retrieves games based on the user's followed teams and sports.

Authentication Required: Yes (device_id and device_key in headers).

Path Parameter:

- `device_uid` (string) → The uid to search for.

Sample cURL Request

```
curl -X GET "http://127.0.0.1:8000/games/followed/12345678" \
-H "device-id: device_id_1" \
-H "device-key: devicekey"
```

Response Structure

Games found for “device_uid”

```
{
  "games": [
    {
      "date": "2025-02-01",
      "time": "19:00:00",
      "away_team": "Stanford",
      "home_team": "Washington St.",
      "score": {"away": 72, "home": 80},
      "winner": "Washington St.",
      "sport": "Basketball (M)"
    }
  ]
}
```

No games found for “device_uid”

```
{
  "games": []
}
```

Possible Errors

- `403 Forbidden` → Missing or invalid authentication headers.
- `500 Internal Server Error` → Database connection issue.

Testing

Successful Tests

Game found for UID

Parameters: {device_uid: “45840760”, device-id: “admin_id_1”, device-key: “devicekey”}


Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": [{ "date": "2023-06-18", "time": "18:30:00", "away_team": "Washington St.", "home_team": "California", "score": { "away": 59, "home": 100 }, "winner": "California", "sport": "Basketball (W)" }]}</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 183 content-type: application/json date: Fri,31 Jan 2025 19:50:29 GMT server: uvicorn</pre>

No game found for UID

Parameters: {device_uid: “72720687”, device-id: “admin_id_1”, device-key: “devicekey”}

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "games": []}</pre><div> Download</div></div> <p>Response headers</p> <pre>content-length: 12 content-type: application/json date: Fri,31 Jan 2025 19:50:45 GMT server: uvicorn</pre>

Successful Tests

NULL UID parameter

Parameters: {device_uid: NULL, device-id: “admin_id_1”, device-key: “devicekey”}

Parameters Cancel

Name	Description
device_uid * required string (path)	<input type="text" value="device_uid"/>
device-id * required string (header)	<input type="text" value="device_id_1"/>
device-key * required string (header)	<input type="text" value="devicekey"/>


Please correct the following validation errors and try again.

- For 'device_uid': Required field is not provided.

Failed authentication

Parameters: {device_uid: "45840760", device-id: "admin_id_1", device-key: "wrongkey"}

Server response

Code	Details
403 <small>Undocumented</small>	Error: Forbidden Response body <pre>{ "detail": "Unauthorized device" }</pre> <div> Download</div> Response headers <pre>content-length: 32 content-type: application/json date: Fri, 31 Jan 2025 19:52:34 GMT server: uvicorn</pre>

POST Endpoints

Add Game

Endpoint: `POST /games`

Description: Adds a new game to the database (admin only).

Authentication: Yes (admin credentials).

Request Body

Required Fields:

- ``date`` (string)
- ``time`` (string)
- ``away_team`` (string)
- ``home_team`` (string)
- ``score`` (json)
- ``winner`` (string)
- ``sport`` (string)

Example Request

Sample cURL request

```
curl -X POST "http://127.0.0.1:8000/games" \  
-H "device-id: admin_id_1" \  
-H "device-key: adminkey" \  
-H "Content-Type: application/json" \  
-d '{  
  "date": "2025-01-27",  
  "time": "18:30:00",  
  "away_team": "Washington St.",  
  "home_team": "Miami",  
  "score": {"away": 85, "home": 78},  
}
```

```
    "winner": "Washington St.",
    "sport": "Basketball (M) "
  }'
```

Request Body Example

```
{
  "date": "2025-01-27",
  "time": "18:30:00",
  "away_team": "Washington St.",
  "home_team": "Miami",
  "score": {"away": 85, "home": 78},
  "winner": "Washington St.",
  "sport": "Basketball (M) "
}
```

Example Response

Successful Response

```
{
  "message": "Game added successfully",
  "game_id": 10
}
```

Unsuccessful Response - Failed authentication

```
{
  "detail": "Unauthorized access"
}
```

Possible Errors

- `400 Bad Request` → Missing or incorrectly formatted fields.
- `403 Forbidden` → User does not have admin privileges.
- `500 Internal Server Error` → Database insertion issue.

Testing

Pending modification to accommodate new database format

PUT Endpoints

None at this time.