

Backend (SCRUM-20)

[SCRUM-23] System allows adding a water portion with zero water volume

Created: 04/лют./26 Updated: 04/лют./26 Due: 08/лют./26

Status:	In Progress		
Project:	WaterTracker		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Parent:	Backend		

Type:	Bug	Priority:	Medium
Reporter:	Nat	Assignee:	Nat
Resolution:	Unresolved	Votes:	0
Labels:	API		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">Operating System & Version: macOS Sonoma 14.7Browser & Version: Chrome 144.0.7559.110Application Build/Version: 1.0.0Environment Type: Production		

Attachments:	Zero water entry in DB.png
Rank:	0 j0003j:
Team:	
Start date:	04/лют./26
Sprint:	SCRUM Sprint 3
Severity:	Medium

Description

Preconditions

1. User account exists and is verified
2. User has successfully signed in
3. A valid JWT authentication token is available
4. User profile exists in the system

Steps to Reproduce

1. Send POST request to add water tracker entry
 - Endpoint: /api/trackers/
 - Method: POST
 - Headers:

Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY5N2Y4ZDlkZGQ2ZjMxMzdjMzYxY2E4OCIsImhhdCI6MTc3MDE4MjM0MSwiZXhwIjoxNzcwMjY1MTQxfQ.Mhjz_mvYoaIPVm3nzl93P3XLqLN8jzHKHrofIfY6as

Content-Type: application/json
 - Request Body:

```
{  "date": "2026-02-04T11:21",  "waterVolume": 0,  "time": "2026-02-04T11:21"}
```

2. Observe the response and verify the database.

Expected Result

- **Status Code:** 400 Bad Request
- The response body contains a validation error message
- Water tracker entry should NOT be created

Actual Result

- **Status Code:** 200 OK
- **Response Body:**

```
{
  "_id": "698306ede382baad2a436a2c",
  "waterEntries": [
    {
      "time": "2026-02-04T11:21:00.000Z",
      "waterVolume": 0,
      "_id": "69835b7fdd6f3137c361cd25"
    }
  ],
  "percentage": 13
}
```

- Water tracker entry is successfully created with zero volume
- Invalid data is persisted in the database
- No validation error is triggered

```
waterEntries: [
  {
    time: ISODate('2026-02-04T11:21:00.000Z'),
    waterVolume: 200,
    _id: ObjectId('698306eddd6f3137c361ccab')
  },
  {
    time: ISODate('2026-02-04T11:21:00.000Z'),
    waterVolume: 200,
    _id: ObjectId('698306f5dd6f3137c361ccb3')
  },
  {
    time: ISODate('2026-02-04T11:21:00.000Z'),
    waterVolume: 0,
    _id: ObjectId('69835b7fdd6f3137c361cd25')
  }
],
```