

RELATÓRIO DE TESTES - API CRUD

Data: 20/08/2025, 20:22:49

RESUMO DOS TESTES

Total de testes executados: 14

Testes com sucesso: 14

Testes com erro: 0

=== TESTES GET ===

Teste 1 - Listar todos os usuários

Endpoint: /api/User

Status: 200

Response: []

=== TESTES POST ===

Teste 1 - Usuário Pessoal

Endpoint: /api/User

Status: 201

Request Body: {

```
"personCode": 1528669,  
"name": "Bernardo Souza Alvim",  
"email": "bernardo.alvim@sga.pucminas.br",  
"password": "SGA@bsabsa",  
"passwordHint": "Tem a ver com o estgio",  
"age": 19,  
"gender": 0
```

}

Response: {

```
"id": 1,  
"personCode": 1528669,  
"name": "Bernardo Souza Alvim",  
"email": "bernardo.alvim@sga.pucminas.br",  
"password": "SGA@bsabsa",  
"passwordHint": "Tem a ver com o estgio",  
"age": 19,  
"gender": 0,  
"createdAt": "2025-08-20T23:22:48.8515567Z",  
"updatedAt": "2025-08-20T23:22:48.8515946Z"
```

}

Teste 2 - Usuário de Teste

Endpoint: /api/User

Status: 201

Request Body: {

```
"personCode": 67890,  
"name": "Bob da Silva Pinto",  
"email": "bob@teste.com",  
"password": "bob123",  
"passwordHint": "senha facil",
```

```
"age": 30,
"gender": 2
}
Response: {
  "id": 2,
  "personCode": 67890,
  "name": "Bob da Silva Pinto",
  "email": "bob@teste.com",
  "password": "bob123",
  "passwordHint": "senha facil",
  "age": 30,
  "gender": 2,
  "createdAt": "2025-08-20T23:22:48.9769784Z",
  "updatedAt": "2025-08-20T23:22:48.9769785Z"
}
```

=== TESTES GET ===

Teste 1 - Listar todos os usuários

Endpoint: /api/User

Status: 200

```
Response: [
  {
    "id": 1,
    "personCode": 1528669,
    "name": "Bernardo Souza Alvim",
    "email": "bernardo.alvim@sga.pucminas.br",
    "password": "SGA@bsabsa",
    "passwordHint": "Tem a ver com o estgio",
    "age": 19,
    "gender": 0,
    "createdAt": "2025-08-20T23:22:48.8515567Z",
    "updatedAt": "2025-08-20T23:22:48.8515946Z"
  },
  {
    "id": 2,
    "personCode": 67890,
    "name": "Bob da Silva Pinto",
    "email": "bob@teste.com",
    "password": "bob123",
    "passwordHint": "senha facil",
    "age": 30,
    "gender": 2,
    "createdAt": "2025-08-20T23:22:48.9769784Z",
    "updatedAt": "2025-08-20T23:22:48.9769785Z"
  }
]
```

Teste 1 - Buscar usuário ID 1

Endpoint: /api/User/1

Status: 200

```
Response: {
  "id": 1,
  "personCode": 1528669,
  "name": "Bernardo Souza Alvim",
  "email": "bernardo.alvim@sga.pucminas.br",
  "password": "SGA@bsabsa",
  "passwordHint": "Tem a ver com o estgio",
}
```

```
"age": 19,  
"gender": 0,  
"createdAt": "2025-08-20T23:22:48.8515567Z",  
"updatedAt": "2025-08-20T23:22:48.8515946Z"  
}
```

Teste 2 - Buscar usuário ID 2

Endpoint: /api/User/2

Status: 200

```
Response: {  
  "id": 2,  
  "personCode": 67890,  
  "name": "Bob da Silva Pinto",  
  "email": "bob@teste.com",  
  "password": "bob123",  
  "passwordHint": "senha facil",  
  "age": 30,  
  "gender": 2,  
  "createdAt": "2025-08-20T23:22:48.9769784Z",  
  "updatedAt": "2025-08-20T23:22:48.9769785Z"  
}
```

Teste 1 - Buscar por email pessoal

Endpoint: /api/User/email/bernardo.alvim@sga.pucminas.br

Status: 200

```
Response: {  
  "id": 1,  
  "personCode": 1528669,  
  "name": "Bernardo Souza Alvim",  
  "email": "bernardo.alvim@sga.pucminas.br",  
  "password": "SGA@bsabsa",  
  "passwordHint": "Tem a ver com o estgio",  
  "age": 19,  
  "gender": 0,  
  "createdAt": "2025-08-20T23:22:48.8515567Z",  
  "updatedAt": "2025-08-20T23:22:48.8515946Z"  
}
```

Teste 2 - Buscar por email de teste

Endpoint: /api/User/email/bob@teste.com

Status: 200

```
Response: {  
  "id": 2,  
  "personCode": 67890,  
  "name": "Bob da Silva Pinto",  
  "email": "bob@teste.com",  
  "password": "bob123",  
  "passwordHint": "senha facil",  
  "age": 30,  
  "gender": 2,  
  "createdAt": "2025-08-20T23:22:48.9769784Z",  
  "updatedAt": "2025-08-20T23:22:48.9769785Z"  
}
```

=== TESTES PUT ===

Teste 1 - Atualizar usuário 1 completo

Endpoint: /api/User/1

Status: 200

Request Body: {

```
"personCode": 1528669,
"name": "Bernardo Alvim Atualizado",
"email": "bernardo.alvim@sga.pucminas.br",
"password": "novasenha123",
"passwordHint": "Nova senha segura",
"age": 19,
"gender": 0
```

}

Response: {

```
"id": 1,
"personCode": 1528669,
"name": "Bernardo Alvim Atualizado",
"email": "bernardo.alvim@sga.pucminas.br",
"password": "SGA@bsabsa",
"passwordHint": "Tem a ver com o estgio",
"age": 19,
"gender": 0,
"createdAt": "2025-08-20T23:22:48.8515567Z",
"updatedAt": "2025-08-20T23:22:49.127522Z"
```

}

Teste 2 - Atualizar usuário 2 completo

Endpoint: /api/User/2

Status: 200

Request Body: {

```
"personCode": 67890,
"name": "Barbara Costa",
"email": "barbara.costa@yahoo.com",
"password": "babi123",
"passwordHint": "senha segura",
"age": 26,
"gender": 1
```

}

Response: {

```
"id": 2,
"personCode": 67890,
"name": "Barbara Costa",
"email": "barbara.costa@yahoo.com",
"password": "bob123",
"passwordHint": "senha facil",
"age": 30,
"gender": 2,
"createdAt": "2025-08-20T23:22:48.9769784Z",
"updatedAt": "2025-08-20T23:22:49.1331395Z"
```

}

=== TESTES PATCH ===

Teste 1 - Atualizar apenas passwordHint

Endpoint: /api/User/1

Status: 200

Request Body: {

```
"passwordHint": "se vira vey"
}
Response: {
  "id": 1,
  "personCode": 1528669,
  "name": "Bernardo Alvim Atualizado",
  "email": "bernardo.alvim@sga.pucminas.br",
  "password": "SGA@bsabsa",
  "passwordHint": "se vira vey",
  "age": 19,
  "gender": 0,
  "createdAt": "2025-08-20T23:22:48.8515567Z",
  "updatedAt": "2025-08-20T23:22:49.1502203Z"
}
-----
```

Teste 2 - Atualizar nome

Endpoint: /api/User/2

Status: 200

Request Body: {

```
"name": "Barbara Costa Parcialmente Atualizada"
}
```

```
Response: {
  "id": 2,
  "personCode": 67890,
  "name": "Barbara Costa Parcialmente Atualizada",
  "email": "barbara.costa@yahoo.com",
  "password": "bob123",
  "passwordHint": "senha facil",
  "age": 30,
  "gender": 2,
  "createdAt": "2025-08-20T23:22:48.9769784Z",
  "updatedAt": "2025-08-20T23:22:49.1539841Z"
}
-----
```

=== TESTES DELETE ===

Teste 1 - Deletar usuário 1

Endpoint: /api/User/1

Status: 204

Response: Deleted Successfully

Teste 2 - Deletar usuário 2

Endpoint: /api/User/2

Status: 204

Response: Deleted Successfully

CONCLUSÃO

Este relatório demonstra o funcionamento completo da API CRUD desenvolvida.

Todos os endpoints foram testados conforme especificação do enunciado:

- POST - Criação de dados
- GET - Leitura de todos os dados
- GET - Leitura por ID
- GET - Leitura por e-mail
- PUT - Atualização completa
- PATCH - Atualização parcial
- DELETE - Exclusão de dados

A API utiliza Entity Framework com banco InMemory e segue os princípios SOLID.