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Disciplina: Desenvolvimento de Sistemas

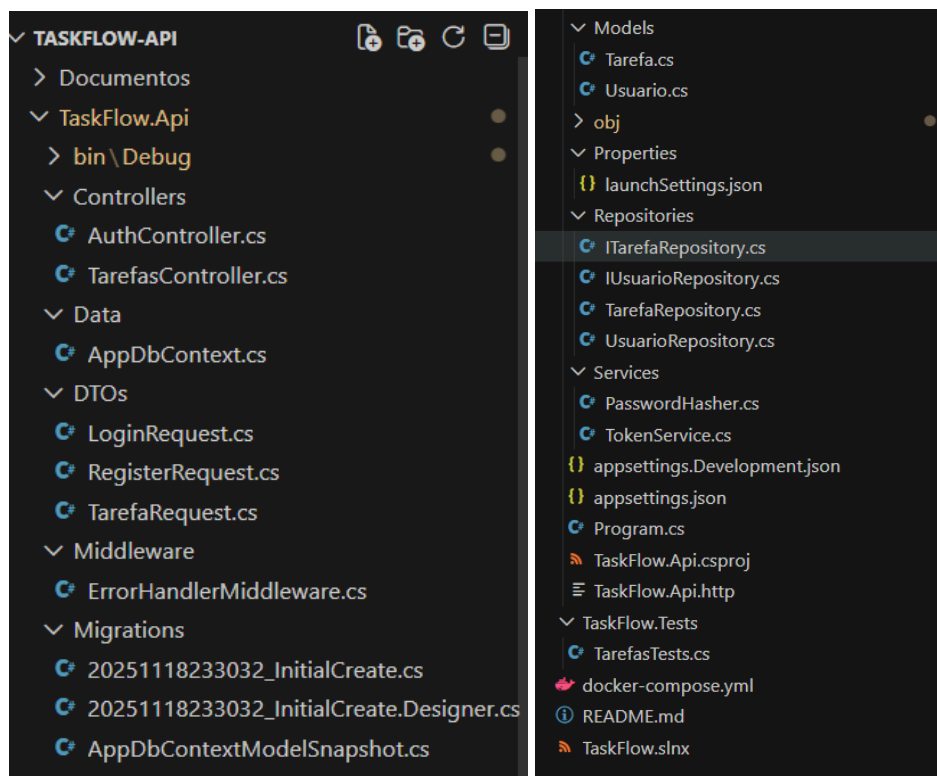
Projeto: TaskFlow API

Data: 24/11/2025

Introdução

O documento apresenta as evidências de funcionamento do sistema.

Estrutura



Inicialização da API

```
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://localhost:5092
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: C:\Users\lopap\taskflow-api\TaskFlow.Api
```

Swagger Funcionando

Auth		↕
POST	/api/auth/register	🔒 ↕
POST	/api/auth/login	🔒 ↕
Tarefas		↕
GET	/api/tarefas	🔒 ↕
POST	/api/tarefas	🔒 ↕
PUT	/api/tarefas/{id}	🔒 ↕
DELETE	/api/tarefas/{id}	🔒 ↕
GET	/api/tarefas/{id}	🔒 ↕

Funcionalidades de Autenticação

Registro de Usuário

Responses

Curl

```
curl -X 'POST' \
'http://localhost:5092/api/auth/register' \
-H 'accept: */*' \
-H 'Content-Type: application/json' \
-d '{
  "nome": "Evidência",
  "email": "evidencia@prova.com",
  "senha": "prova@12345"
}'
```

Request URL

```
http://localhost:5092/api/auth/register
```

Server response

Code

Details

200

Response body

```
Usuário criado com sucesso.
```

Response headers

```
content-type: text/plain; charset=utf-8
date: Mon, 24 Nov 2025 21:52:26 GMT
server: Kestrel
transfer-encoding: chunked
```

Login de Usuário

Responses

Curl

```
curl -X 'POST' \  
  'http://localhost:5092/api/auth/login' \  
  -H 'accept: */*' \  
  -H 'Content-Type: application/json' \  
  -d '{  
    "email": "evidencia@prova.com",  
    "senha": "prova@12345"  
  }'
```

Request URL

```
http://localhost:5092/api/auth/login
```

Server response

Code

Details

200

Response body

```
{  
  "token": "eyJGcCI0IjUzIi1N1sInR5cCI6IkpXVCJ9.eyJ3ZCI6IjQ1L3JleHA1OjE3NjQwMTAwZnUsIm1scyI6IjE6IiwiaXNkIjoiOiVGFzazB3b3dVc2VycyJ9.nmLXxgEjt6On1Gr5cVB1SWCQPMRnRn8d6PUVs-2z7u"  
}
```

Response headers

```
content-type: application/json; charset=utf-8  
date: Mon, 24 Nov 2025 21:54:35 GMT  
server: Kestrel  
transfer-encoding: chunked
```

Funcionalidades de Tarefa

Criar Tarefa

Curl

```
curl -X 'POST' \
  'http://localhost:5092/api/tarefas' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ3ZCI6IjQlC3leHAiOiJlbnQwNTAwNzUsIm1zeiI6IiRhc2tGbG93IiwiaXVkIjoiaVGFza0Zsb3dvc2VycyJ9.nMMLXxgEjt60n1Gr5cVB15iCQPKwRn8dqPUVs-2z3w' \
  -H 'Content-Type: application/json' \
  -d '{
    "titulo": "Fazer Documento de Evid\u00eancias",
    "descricao": "Tirar prints mostrando o sistema funcionando.",
    "status": "Em progresso",
    "criadoEm": "2025-11-24T18:58:12.1746824-03:00"
  }'
```

Request URL

http://localhost:5092/api/tarefas

Server response

Code

Details

200

Response body

```
{
  "id": 5,
  "usuarioId": 4,
  "titulo": "Fazer Documento de Evid\u00eancias",
  "descricao": "Tirar prints mostrando o sistema funcionando.",
  "status": "Em progresso",
  "criadoEm": "2025-11-24T18:58:12.1746824-03:00"
}
```

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Response headers

```
content-type: application/json; charset=utf-8
date: Mon, 24 Nov 2025 21:58:12 GMT
server: Kestrel
transfer-encoding: chunked
```

Listar Tarefa

Curl

```
curl -X 'GET' \
  'http://localhost:5092/api/tarefas' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ3ZCI6IjQlC3leHAiOiJlbnQwNTAwNzUsIm1zeiI6IiRhc2tGbG93IiwiaXVkIjoiaVGFza0Zsb3dvc2VycyJ9.nMMLXxgEjt60n1Gr5cVB15iCQPKwRn8dqPUVs-2z3w'
```

Request URL

http://localhost:5092/api/tarefas

Server response

Code

Details

200

Response body

```
[
  {
    "id": 5,
    "usuarioId": 4,
    "titulo": "Fazer Documento de Evid\u00eancias",
    "descricao": "Tirar prints mostrando o sistema funcionando.",
    "status": "Em progresso",
    "criadoEm": "2025-11-24T18:58:12.1746824"
  },
  {
    "id": 6,
    "usuarioId": 4,
    "titulo": "Apresentar Trabalho Final",
    "descricao": "Apresentar o trabalho completo em sala.",
    "status": "Pendente",
    "criadoEm": "2025-11-24T19:00:27.8280423"
  }
]
```

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Response headers

```
content-type: application/json; charset=utf-8
date: Mon, 24 Nov 2025 22:00:36 GMT
server: Kestrel
transfer-encoding: chunked
```

Buscar Tarefa por ID

id required

integer(\$int32)

(path)

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:5092/api/tarefas/5' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjQ1LCJleHAiOjE3NjQwNTAwNzUsIm1lcyI6IiRhc2tGbG93IiwiaWF0IjoiVGZza0Zsb3dVc2Vycy99.nmMLXgEjt60n1Gr5cVB15NCQpKwRn8dqPUVs-2z3w'
```

Request URL

```
http://localhost:5092/api/tarefas/5
```

Server response

Code

Details

200

Response body

```
{
  "id": 5,
  "usuarioId": 4,
  "titulo": "Fazer Documento de Evidências",
  "descricao": "Tirar prints mostrando o sistema funcionando.",
  "status": "Em progresso",
  "criadoEm": "2025-11-24T18:58:12.1746824"
}
```

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Atualizar Tarefa

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:5092/api/tarefas/5' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjQ1LCJleHAiOjE3NjQwNTAwNzUsIm1lcyI6IiRhc2tGbG93IiwiaWF0IjoiVGZza0Zsb3dVc2Vycy99.nmMLXgEjt60n1Gr5cVB15NCQpKwRn8dqPUVs-2z3w' \
  -H 'Content-Type: application/json' \
  -d '{
    "titulo": "Fazer Documento de Evidências",
    "descricao": "Tirar prints mostrando o sistema funcionando.",
    "status": "Concluído"
  }'
```

Request URL

```
http://localhost:5092/api/tarefas/5
```

Server response

Code

Details

200

Response body

```
{
  "id": 5,
  "usuarioId": 4,
  "titulo": "Fazer Documento de Evidências",
  "descricao": "Tirar prints mostrando o sistema funcionando.",
  "status": "Concluído",
  "criadoEm": "2025-11-24T18:58:12.1746824"
}
```

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Response headers

```
content-type: application/json; charset=utf-8
date: Mon, 24 Nov 2025 22:04:05 GMT
server: Kestrel
transfer-encoding: chunked
```

Excluir Tarefa

Name	Description
id required integer(\$int32) (path)	<input type="text" value="6"/>

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:5092/api/tarefas/6' \
-H 'accept: */*' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IWR5b250IiwiaWF0IjoiYXVhIjoiVGZmZm0Zsb3dVcyJ9.nMwLXgEj60n1Gr5cVB15uCQPkHrRn0dqPUVs-2z3w'
```

Request URL

```
http://localhost:5092/api/tarefas/6
```

Server response

Code	Details
200	<div><div>Response body</div><div>Tarefa excluída.</div><div><div>Download</div></div></div>

Conclusão

As evidências apresentadas demonstram que:

- A API está funcionando plenamente
- A autenticação via JWT opera corretamente
- Todas as rotas de tarefas foram testadas e confirmadas