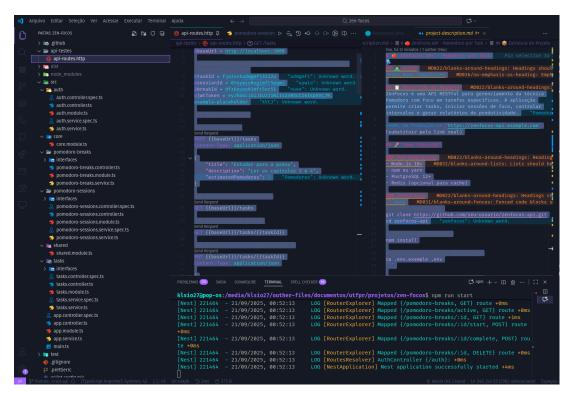


Atividade 06 - Implementação de Controladores e Serviços

1. Siga o tutorial no Notion para configurar o módulo de feature com os métodos CRUD.

https://github.com/klsio22/zen-focos/pull/2

- 2. Teste os endpoints utilizando o Insomnia ou Postman e capture prints dos testes.
- 3. Crie um PDF contendo os prints de:
 - Estrutura de pastas do projeto.



• Testes dos endpoints no Insomnia/Postman.

```
### ZenFocos API - Requests de teste

# Base URL
@baseUrl = http://localhost:3000

# Variáveis de exemplo - substitua pelos valores reais retornados p
ela API
@taskId = fjo3sc6admgmft3zi2u
@sessionId = 05oywio0xgimft5pqwi
@breakId = dfz6nuee01mft5nr51
@jwtToken = eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.example-plac
eholder

### Tasks (Tarefas)

### Criar tarefa
POST {{baseUrl}}/tasks
Content-Type: application/json
```

```
"title": "Estudar para a prova",
  "description": "Ler os capítulos 3 e 4",
  "estimatedPomodoros": 3
}
### Listar todas as tarefas
GET {{baseUrl}}/tasks
### Buscar tarefa por id
GET {{baseUrl}}/tasks/{{taskId}}
### Atualizar tarefa completa (PUT)
PUT {{baseUrl}}/tasks/{{taskId}}
Content-Type: application/json
{
  "title": "Estudar para a prova - atualizado",
  "description": "Ler os capítulos 3, 4 e 5",
  "estimatedPomodoros": 4,
  "status": "in-progress"
}
### Atualizar tarefa parcial (PATCH)
PATCH {{baseUrl}}/tasks/{{taskId}}
Content-Type: application/json
{
  "description": "Apenas revisar capítulo 5"
}
### Completar pomodoro de uma tarefa
PATCH {{baseUrl}}/tasks/{{taskId}}/complete-pomodoro
### Excluir tarefa
DELETE {{baseUrl}}/tasks/{{taskId}}
### Pomodoro Sessions (Sessões Pomodoro)
```

```
### Iniciar nova sessão pomodoro
POST {{baseUrl}}/pomodoro-sessions
Content-Type: application/json
{
  "taskId": "{{taskId}}}",
  "durationMinutes": 5
}
### Listar todas as sessões
GET {{baseUrl}}/pomodoro-sessions
### Buscar sessão ativa
GET {{baseUrl}}/pomodoro-sessions/active
### Tempo restante da sessão ativa
GET {{baseUrl}}/pomodoro-sessions/active/remaining
### Buscar sessão por id
GET {{baseUrl}}/pomodoro-sessions/{{sessionId}}
### Completar sessão
POST {{baseUrl}}/pomodoro-sessions/{{sessionId}}/complete
### Cancelar sessão
POST {{baseUrl}}/pomodoro-sessions/{{sessionId}}/cancel
### Avançar para pausa (completa sessão e inicia break automatic
amente)
POST {{baseUrl}}/pomodoro-sessions/{{sessionId}}/advance
### Pomodoro Breaks (created automatically on session completio
n)
### Listar pausas
GET {{baseUrl}}/pomodoro-breaks
```

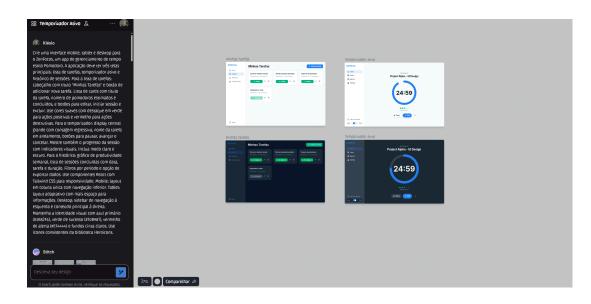
```
### Criar pausa manualmente (opcional)
POST {{baseUrl}}/pomodoro-breaks
Content-Type: application/json
{
 "sessionId": "{{sessionId}}}",
 "duration": 5,
 "type": "short"
### Buscar pausa por id
GET {{baseUrl}}/pomodoro-breaks/{{breakId}}
### Iniciar pausa
POST {{baseUrl}}/pomodoro-breaks/{{breakId}}/start
### Completar pausa
POST {{baseUrl}}/pomodoro-breaks/{{breakId}}/complete
### Excluir pausa
DELETE {{baseUrl}}/pomodoro-breaks/{{breakId}}
### Auth & Users (placeholders)
### Login (obter token de exemplo)
POST {{baseUrl}}/auth/login
Content-Type: application/json
  "email": "user@example.com",
  "password": "senha123"
}
### Criar usuário
POST {{baseUrl}}/users
Content-Type: application/json
```

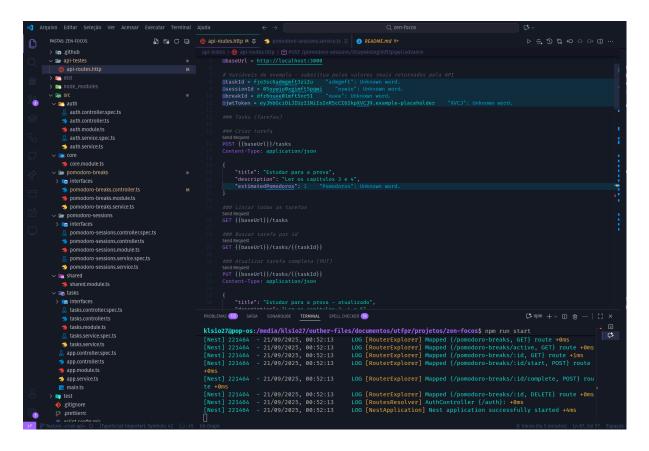
```
{
    "email": "user@example.com",
    "password": "senha123",
    "name": "Usuário Exemplo"
}

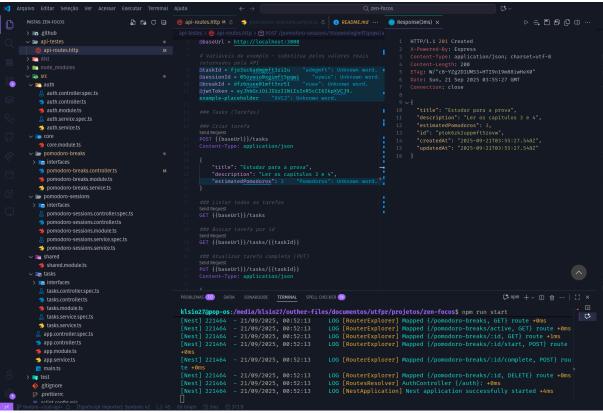
### Exemplo protegido - listar tarefas com token
GET {{baseUrl}}/tasks
Authorization: Bearer {{jwtToken}}
```

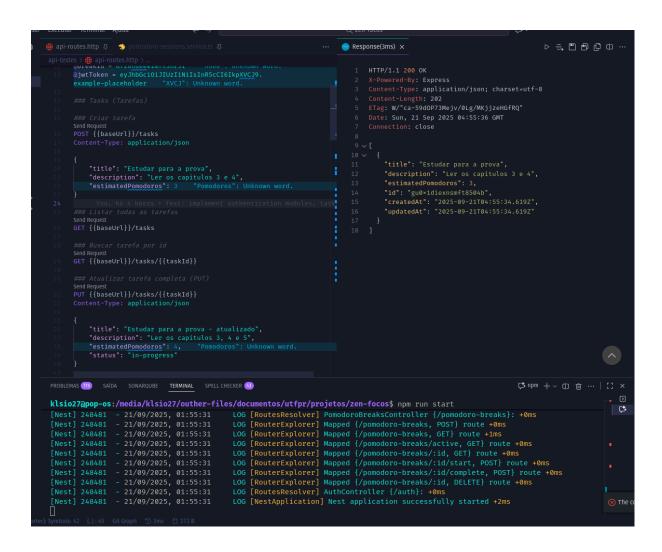
• Interfaces gerada com IA no Uizard

https://stitch.withgoogle.com/projects/7766817618677710353









```
e Response(5ms) ×
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ⊳ ⊕, ๒ ๒ ₽ a ...
                             POST {{baseUrl}}/tasks
                                                                                                                                                                                                                                                                                                                                                                                              HTTP/1.1 200 OK
                                                                                                                                                                                                                                                                                                                                                                                              RTIP/11 200 UK
POwered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 239
ETag: W/"ef-mboSzJjlWR01K0j2+5sTX3vzlYE"
                                             "title": "Estudar para a prova",
"description": "Ler os capítulos 3 e 4",
"estimatedPomodoros": 3 "Pomodoros": U
                                                                                                                                                                                                                                                                                                                                                                                               Date: Sun, 21 Sep 2025 04:55:59 GMT Connection: close
                                                                                                                                                                                                                                                                                                                                                                                                       "title": "Estudar para a prova - atualizado",
"description": "Ler os capitulos 3, 4 e 5",
"estimatedPomodoros": 4,
"id": "gu0×1diexnsmft8504b",
                                                                                                                                                                                                                                                                                                                                                                                                          "createdAt": "2025-09-21T04:55:34.619Z", 
"updatedAt": "2025-09-21T04:55:59.902Z",
                             GET {{baseUrl}}/tasks/{{taskId}}
                                          "title": "Estudar para a prova - atualizado",
"description": "Ler os capitulos 3, 4 e 5",
"estimatedPomodoros": 4, "Pomodoros": Unknown word.
"status": "in-progress"
                           Send Request
PATCH {{baseUrl}}/tasks/{{taskId}}
Content-Type: application/json
PROBLEMAS (119) SAÍDA SONARQUBE TERMINAL SPELL CHECKER (13)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . D
\textbf{klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/projetos/zen-focos\$ \ npm \ run \ start
                                                                                                                                                                                                                      cs/documentos/utfpr/projetos/zen-focos$ npm run start

LOG [RoutesResolver] PomodoroBreaksController {/pomodoro-breaks}: +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks, POST} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks, GET} route +1ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/active, GET} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id, GET} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id/start, POST} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id/complete, POST} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id, DELETE} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id, SETTE} route +0ms
LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id/somplete, POST} route +0ms
LOG [RouterExpl
 [Nest] 248481 - 21/09/2025, 01:55:31
[Nest] 248481 - 21/09/2025, 01:55:31
[Nest] 248481 - 21/09/2025, 01:55:31

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[Nest] 248481 - 21/09/2025, 01:55:31

[Nest] 248481 - 21/09/2025, 01:55:31

[Nest] 248481 - 21/09/2025, 01:55:31
```

```
⊕ api-routes.http M 🌣 🦠
                                                                                                                                                       ··· e Response(2ms) ×
                                                                                                                                                                                                                                                                                ⊳ ⊕, ๒ ๒ ₽ თ ...
            HTTP/1.1 200 OK
                                                                                                                                                                               X-Powered-By: Express
Content-Type: application/json; charset-utf-8
Content-Length: 265
                     "title": "Estudar para a prova - atualizado",
"description": "Ler os capítulos 3, 4 e 5",
"estimatedPomodoros": 4, "Pomodoros": Unknown word.
"status": "in-progress"
                                                                                                                                                                               ETag: W/"109-4lzy+fgBA0sqJaieAQSGJxSbw40"
                                                                                                                                                                               Date: Sun, 21 Sep 2025 04:56:22 GMT Connection: close
                                                                                                                                                                                   "title": "Estudar para a prova - atualizado",
"description": "Ler os capitulos 3, 4 e 5",
"estimatedPomodoros": 4,
"id": "gu0*1diexnsmft8504b",
"createdAt": "2025-09-21T04:55:34.6192",
"updatedAt": "2025-09-21T04:56:22.7132",
"status": "in-progress",
"completedPomodoros": null
              Send Request
PDST {{baseUrl}}/pomodoro-sessions "pomodoro": Unknown word.
Content-Type: application/json
                      "taskId": "{{taskId}}",
"durationMinutes": 5
 PROBLEMAS 119 SAÍDA SONARQUBE TERMINAL SPELL CHECKER 43
                                                                                                                                                                                                                                                                Ç*npm + ∨ (1) @ ··· | [] ×
 klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/projetos/zen-focos$ npm run start
 [Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id/complete, POST} route +0ms
[Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id, DELETE} route +0ms
[Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] Mapped {/pomodoro-breaks/:id, DELETE} route +0ms
[Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] AuthController {/auth}: +0ms
[Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] AuthController {/auth}: +0ms
[Nest] 248481 - 21/09/2025, 01:55:31 LOG [RouterExplorer] AuthController {/auth}: +0ms
                                                                                                                                                                                                                                                                                                                    Ç
```

