

1) Fluxo de autenticacao

Cliente -> POST /auth/register -> API -> PostgreSQL (cria usuario)
Cliente -> POST /auth/login -> API -> PostgreSQL (valida usuario/senha)
API -> Cliente (access_token + refresh_token)
Cliente -> GET /dashboard (Bearer access_token)
Cliente -> POST /soma (Bearer access_token)
Cliente -> POST /auth/refresh (refresh_token)
API revoga refresh antigo e emite novos tokens
Cliente -> POST /auth/logout (refresh_token novo)
API revoga refresh token

2) Resultado dos testes executados

Usuario de teste: fluxo_user_1770992698
POST /auth/register -> 201 {"message":"Usuario cadastrado com sucesso"}
POST /auth/login -> 200 {"access_token":"...","refresh_token":"..."}
GET /dashboard -> 200 {"usuario":"fluxo_user_1770992698", ...}
POST /soma -> 200 {"resultado":15.0,"operacao":"10.0 + 5.0 = 15.0"}
POST /auth/refresh -> 200 {"access_token":"...","refresh_token":"..."}
POST /auth/logout -> 200 {"message":"Logout realizado com sucesso"}

3) Arquivos relacionados

- docs/fluxo-autenticacao.mmd
- README.md
- main.py