

Coverage for **app/routers/auth.py**: 59%



34 statements

20 run

14 missing

0 excluded

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```
1 from fastapi import APIRouter, Depends, HTTPException, status
2 from fastapi.security import OAuth2PasswordRequestForm
3 from pydantic import BaseModel, EmailStr
4 from app.services.user_service import CSVUserService
5 from app.deps import get_user_service, pwd_context, create_access_token, get_current_user
6
7 router = APIRouter(prefix="/auth", tags=["auth"])
8
9 class UserCreateRequest(BaseModel):
10     username: str
11     email: EmailStr
12     password: str
13
14 class UserOut(BaseModel):
15     id: int
16     username: str
17     email: EmailStr
18
19 @router.post("/register", response_model=UserOut)
20 def register(payload: UserCreateRequest, svc: CSVUserService = Depends(get_user_service)):
21     try:
22         user = svc.create_user(
23             username=payload.username,
24             email=payload.email,
25             password_hash=pwd_context.hash(payload.password),
26         )
27         return UserOut(id=user["id"], username=user["username"], email=user["email"])
28     except ValueError as e:
29         msg = str(e)
30         if msg in {"username_taken", "email_taken"}:
31             raise HTTPException(status_code=status.HTTP_400_BAD_REQUEST, detail=msg)
32         raise
33
34 @router.post("/token")
```

```
35 def login(form: OAuth2PasswordRequestForm = Depends(), svc: CSVUserService = Depends(get_user_service)):
36     user = svc.get_by_username(form.username)
37     if not user or not pwd_context.verify(form.password, user["password_hash"]):
38         raise HTTPException(status_code=status.HTTP_401_UNAUTHORIZED, detail="invalid_credentials")
39
40     token = create_access_token(username=user["username"], user_id=user["id"], minutes=60)
41     return {"access_token": token, "token_type": "bearer"}
42
43 @router.get("/me", response_model=UserOut)
44 def me(curr=Depends(get_current_user)):
45     return UserOut(id=curr["id"], username=curr["username"], email=curr["email"])
```

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