

Login

Users log in with email and password to receive a JWT access token. All errors return the same message to prevent user enumeration.

File: login.feature
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Scenarios: 5

BACKGROUND

- Given** the authentication service is running
- And** the database is seeded with test users

SCENARIO 1 OF 5

Valid credentials return a JWT

- Given** a user exists with email `<code><code></code>"alice@example.com"<code></code></code>` and password `<code><code></code>"secret123"<code></code></code>`
- When** login is called with email `<code><code></code>"alice@example.com"<code></code></code>` and password `<code><code></code>"secret123"<code></code></code>`
- Then** a JWT token is returned
- And** the response contains the user object with email `<code><code></code>"alice@example.com"<code></code></code>`
- And** the HTTP status is 200

SCENARIO 2 OF 5

Wrong password returns generic auth error

Given	a user exists with email <code><code>&lt;code&gt;</code>"alice@example.com"</code>&lt;/code&gt;</code></code>
When	login is called with email <code><code>&lt;code&gt;</code>"alice@example.com"</code>&lt;/code&gt;</code> and password <code><code>&lt;code&gt;</code>"wrongpass"</code>&lt;/code&gt;</code></code></code>
Then	the HTTP status is 401
And	the response contains error <code><code>&lt;code&gt;</code>"invalid credentials"</code>&lt;/code&gt;</code></code>

SCENARIO 3 OF 5

Rate limited after 5 failed attempts

Given	a user exists with email <code><code>&lt;code&gt;</code>"alice@example.com"</code>&lt;/code&gt;</code></code>
And	5 failed login attempts have occurred in the last minute
When	login is called with email <code><code>&lt;code&gt;</code>"alice@example.com"</code>&lt;/code&gt;</code> and password <code><code>&lt;code&gt;</code>"wrongpass"</code>&lt;/code&gt;</code></code></code>
Then	the HTTP status is 429
And	the response contains error <code><code>&lt;code&gt;</code>"rate limited"</code>&lt;/code&gt;</code></code>

SCENARIO 4 OF 5

Malformed request returns validation error

Given	the login endpoint is available
When	login is called with email <code><code>&lt;code&gt;</code>"not-an-email"</code>&lt;/code&gt;</code> and password <code><code>&lt;code&gt;</code>"</code>&lt;/code&gt;</code></code></code>
Then	the HTTP status is 400
And	the response contains error <code><code>&lt;code&gt;</code>"validation failed"</code>&lt;/code&gt;</code></code>
And	no database query is made

Database unavailable returns 500 without crash

Given	the database is unavailable
When	login is called with email <code><code>&lt;code&gt;</code>"alice@example.com"<code>&lt;/code&gt;</code></code> and password <code><code>&lt;code&gt;</code>"secret123"<code>&lt;/code&gt;</code></code>
Then	the HTTP status is 500
And	the service remains running
And	an error is logged with level <code><code>&lt;code&gt;</code>"error"<code>&lt;/code&gt;</code></code>