

Title: API and Middleware Debugging Session - Hébergeur Cours

1. User requested to communicate in English.
2. User pasted all project-related source code files: server, routes, controllers, models, middlewares, config.
3. User asked for a count of how many files had issues.
4. Step-by-step debugging was initiated.
5. Issues were identified and resolved one by one across:
 - app.js / server.js
 - authRoute.js
 - Middleware (authMiddleware.js)
6. Middleware (protect and isEnseignant) was explained in detail.
7. Files documentController.js and uploadMiddleware.js were checked for vulnerabilities or errors and deemed safe.
8. Updated versions of those files were generated for the user.
9. Full code health check confirmed no remaining issues.
10. User requested URLs for all endpoints and tested them.
11. Provided example for creating a document using Postman or cURL.
12. User requested the conversation to be converted into a downloadable PDF.

API Endpoint Example (POST /api/documents):

- URL: `http://localhost:5000/api/documents`
- Method: POST
- Auth: Bearer Token required
- Body: multipart/form-data
 - titre: (string)
 - description: (string)

- matiere: (string)
- niveau: (string)
- fichier: (file)

Use Postman or cURL to test the upload endpoint.