Technologies to be used:

1. .NET Core
2. PostgreSQL

Implement a simple document storage api
- User must be able to log in
- Users can upload and download documents with metadata (posted date, name, description, and category) , create groups, and manage users
- Implement groups: a user can belong to one or more groups
- Document access can be granted to groups or directly to users
- Implement at least three roles:
  - regular user can download documents
  - manager user can upload and download documents
  - admin can crud users, crud groups, upload documents and download documents
- REST API. Make it possible to perform all user actions via the API, including authentication. In any case you should be able to explain how a REST API works and demonstrate that by creating functional tests that use the REST Layer directly.
- unit and e2e tests!
- Make sure to create database tables and stored procedures. You can create .NET object to db type mapper

NOTE: Please keep in mind that this is the project that will be used to evaluate your skills. **We will evaluate the project as if you are delivering it to a customer.** We expect you to make sure that the app is fully functional and doesn't have any obvious missing pieces. The time allowed to complete the project is two weeks.