**Development of a Task Management System**  
Description of the task:  
You need to develop a simple Task Management System using Java. The system must provide for creating, editing, deleting and viewing tasks. Each task should contain a title, description, status (for example, "pending", "in progress", "completed") and priority (for example, "high", "medium", "low"), as well as the task author and assignee . Only the API needs to be implemented.  
Requirements:  
 1. The service must support user authentication and authorization using email and password.  
 2. Access to the API must be authenticated using a JWT token.  
 3. Users can manage their tasks: create new ones, edit existing ones, view and delete, change status and assign task executors.  
 4. Users can view other users' tasks, and task performers can change the status of their tasks.  
 5. You can leave comments on tasks.  
 6. The API should allow you to receive tasks of a specific author or performer, as well as all comments on them. It is necessary to provide filtering and pagination of the output.  
 7. The service must correctly handle errors and return clear messages, as well as validate incoming data.  
 8. The service must be well documented. The API must be described using Open API and Swagger. The service must have Swagger UI configured. It is necessary to write a README with instructions for running the project locally. The dev environment needs to be raised using docker compose.  
 9. Write some basic tests to test the basic functionality of your system.  
 10. Use Java 17+, Spring, Spring Boot to implement the system. You can use PostgreSQL or MySQL as a database. To implement authentication and authorization, you need to use Spring Security. You can use additional tools if necessary (for example, a cache).  
Assessment: The following aspects will be assessed:  
 1. Compliance.  
 2. Quality and cleanliness of the code.  
 3. System design and use of OOP.  
 4. Availability of tests and their coverage.  
 5. Error handling.