Testing Technical Task

Task:

- You'll be expected to build the task manager platform for organizations where companies can manage their daily tasks online. Application should be runnable with minimum effort, please also provide instructions on how to start the app.
- Create APIs required to automate the user stories.
- Code must be clean and understandable, complying with coding standards and best practices.
- Simple UI. (it would be a big plus)
- Answers should be expected as Gitlab/GitHub repo. DB might be added as file.

Technologies to be used:

- Entity framework Core
- C# for code behind logic
- MS SQL / PostgreSQL
- ASP.NET CORE

User Stories:

1) High Priority.
   SIGN UP.
   As a potential customer I want to sign up to create my organization profile So that I can organize my staff and tasks on the platform.
   Acceptance Criteria:
   1. Open to anyone who has access to the app.
   2. Enter Organization Name, Phone Number, Address.
   3. Enter user name, email and password.
   Note: Signing up only creates an organization profile and default admin user, this is a prerequisite to manage other users and tasks of the organization.

2) High Priority.
   MANAGE USERS.
   As an Organization administrator I want to add users to my organization So that they can use platform.
   Acceptance Criteria:
   1. Only ADMINS can create the user for organization.
   2. Each user should have name, surname, email and default password.

3) High Priority.
   MANAGE TASKS.
   As a user at I want to manage daily tasks of my organization So that I can quickly access and see status of the tasks.
   Acceptance Criteria:
   1. Create task and assign it to one or more users.
   2. Each task should have title, description, deadline and status.
   3. Each user of organization can list the all tasks.

4) Medium Priority
   SIGN IN.
   As a user I want to sign in and access my customer profile details.
   Acceptance Criteria:
   Only allow passwords with 6 or more alphanumeric characters

5) Low Priority
   EMAIL NOTIFICATION OF PROFILE.
   As a user I want to receive an email when new task assigned to me. So that I can be notified.
   Acceptance Criteria:
   User should receive an email when task assigned to him/her.