Node.js Service Development Test

Objective:
Develop a Node.js service that provides a RESTful API for managing users.

Requirements:

1. **Technology Stack:**
   - Use **Node.js** with **Express.js**.
   - Use **Typescript**.
   - Use **MySQL** as the database.
   - Do not use **Sequelize** or another ORM/query builder.
   - You can use Express not framework like NestJS
2. **User Model:**
   Each user should have the following attributes:
   - `id` (Auto-incremented, Primary Key)
   - `name` (String, Required)
   - `surname` (String, Required)
   - `birth_date` (Date, Required)
   - `sex` (Enum: `male`, `female`, `other`, Required)
3. **Endpoints:**
   Implement endpoints to create, retrieve, list, modify and delete users.
4. **Database Setup:**
   - Provide a script or instructions to set up the MySQL database and necessary tables.
5. **Bonus (Optional):**
   - Implement input validation using **Joi** or another validation library.
   - Implement pagination for the `GET /users` endpoint.
   - Write basic unit tests for the API.
   - Set up a development environment
6. **Advanced (Optional):**
   - Group Model: each group has the following attributes:
     i. `id` (Auto-incremented, Primary Key)
     ii. `name` (String, Required)
   - Each user can belong to any number of groups
   - Implement endpoints to create, list, modify and delete groups
   - Implement endpoints to handle the association between users and groups (join and leave).

Delivery:

- Submit the source code as a **Git** repository.
- Include a **README.md** file with setup instructions and API documentation.