# API Task

**API Tests**

**1. Authenticate User Tests**

| ID | Test Case |
|------|-----------------------|
| AU01 | Valid credentials |
| AU02 | Invalid email format |
| AU03 | Non-existent email |
| AU04 | Wrong password |
| AU05 | Empty email field |
| AU06 | Empty password field |

**2. Create User Tests**

| ID | Test Case |
|------|---------------------------|
| CU01 | Valid user data |
| CU02 | Missing name |
| CU03 | Missing email |
| CU04 | Missing password |
| CU05 | Invalid email format |
| CU06 | Email already exists |
| CU07 | Password too short |
| CU08 | Special characters in name |

**3. Get User Tests**

| ID | Test Case |
|------|---------------|
| GU01 | Valid token |
| GU02 | Invalid token |
| GU03 | Missing token |

**4. Patch User Tests**

| ID | Test Case |
|------|--------------------------------------|
| PU01 | Update all fields with valid data |
| PU02 | Update only name |
| PU03 | Update only email |
| PU04 | Update only password |
| PU05 | Update with invalid email format |
| PU06 | Update with email that already exists |
| PU07 | Update with invalid token |
| PU08 | Empty request body |

**5. Delete User Tests**

| ID | Test Case |
|------|---------------|
| DU01 | Valid token |
| DU02 | Invalid token |
| DU03 | Missing token |

## 6. Delete All Users Tests

| ID | Test Case |
|------|------------------|
| DA01 | Valid admin key |
| DA02 | Invalid admin key |
| DA03 | Missing admin key |