

## Part 2 – Adding AppUser and Details entities

1. Create a package for your entity models
  2. Create classes AppUser and Details according to *Table 1*
  3. Turn Details into an entity
  4. Turn AppUser into an entity
  5. Set up the OneToOne relationship
  6. Create a package (repository) for the Interfaces.
  7. Create interfaces and follow the repository requirements.
  8. Test implementations of Repositories.
- Always commit changes.

### AppUser requirements:

- id generated with the identity strategy
- username need to be unique

### Details requirements:

- id generated with identity strategy
- email need to be unique

### AppUserRepository requirements:

- Basic CRUD Operations.
- Find a user by Username.
- Find users by registration date between two specific dates.
- Find users by details id.
- Find user by email ignore case.
- (Optional)Add more as needed.

### DetailsRepository requirements:

- Basic CRUD Operations.
- Find a details by email.
- Find details by name contains.
- Find details by name ignore-case.
- (Optional)Add more as needed.

Table 1

