

The following three entities should represent different models from 'DDD Guest note app', where the user receives different types of notes from his friends and guests daily

1. User Entity

- a. Name
- b. Profile picture

2. Note Entity

- a. Note title
- b. Note message body
- c. Type of note
- d. Note media files
- e. Creation date and time

3. Note type Entity

- a. Type Name
- b. Disabled or not

- *The Note should belong to specific type*
- *The Note can have one or more media files with maximum 1.7 mb each*
- *The Note types are pre inserted in the application*
- *Feel free to apply/add any changes to the entities*

Requirements (*Using Nodejs, SQL and suitable patterns*)

- 1- Endpoint that sends a note to one or multiple users with specific type**
- 2- Users should be notified instantly after receiving a note using suitable messaging pattern.**
- 3- Endpoint that can be used by the user to list his timeline notes in the last 30 days with non-disabled types,**
 - a. **could – *or not* - be filtered by one or more type**
 - b. **should have enabled pagination as a middleware.**
- 4- End point that can be used by the user to delete (*soft delete*) one or more of his received notes**
- 5- All Users should be notified every day with their latest notes stats (*if activated by user*)**
 - a. *Ex: 'You got new 4 congrats notes, 3 invitations notes, etc.*

PS: All end points must have Input validation criteria to validate the client's inputs with unprocessable entity response if the validation fails