

openapi: 3.0.0

servers:

- url: http://localhost:3000

info:

version: 1.0.0

title: APIs

description: "

contact: {}

paths:

/api/v1/auth/signup/:

post:

summary: Sign up for new user

operationId: signup

tags:

- Auth

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/signupSchema'

responses:

'200':

description: <h2>important</h2> JWT must contains userId and email in payload

content:

application/json:

schema:

\$ref: '#/components/schemas/AuthSuccessfulResponse'

'400':

description: Password is not valid, Email is already exist

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/auth/login/:

post:

summary: Login

operationId: login

tags:

- Auth

requestBody:

required: true

content:

```
  application/json:
    schema:
      $ref: '#/components/schemas/loginSchema'
  responses:
    '200':
      description: <h2>important</h2> JWT must contains userId and email in payload
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/AuthSuccessfulResponse'
    '400':
      description: Authentication failed!
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/BadRequestError'
/api/v1/groups/:
  get:
    summary: Get groups
    operationId: getGroups
    tags:
      - Group
    security:
      - ApiKeyAuth: []
    responses:
      '200':
        description: Groups list
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/GroupListResponse'
  post:
    summary: Create a group
    operationId: createGroup
    tags:
      - Group
    security:
      - ApiKeyAuth: []
    requestBody:
      required: true
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/CreateGroupSchema'
```

responses:

'200':

description: Group successfully created!

content:

application/json:

schema:

\$ref: '#/components/schemas/GroupCreationSuccessfulResponse'

'400':

description: creation failed! (User is already member of a group)

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/groups/my/:

get:

summary: Get detailed information of group of user

operationId: myGroup

tags:

- Group

security:

- ApiKeyAuth: []

responses:

'200':

description: Group

content:

application/json:

schema:

\$ref: '#/components/schemas/GroupResponse'

'400':

description: Fetch failed (User is not joined to any group yet)!

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/join_requests/:

get:

summary: Get join requests of user

operationId: getJoinRequestsOfUser

tags:

- Join Request

security:

- ApiKeyAuth: []

responses:

'200':

description: >-

List of user's join requests. (Newest first)

content:

application/json:

schema:

\$ref: '#/components/schemas/JoinRequestListResponse'

post:

summary: Send join request to a group

operationId: createJoinRequest

tags:

- Join Request

security:

- ApiKeyAuth: []

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/SendJoinRequestSchema'

responses:

'200':

description: Request has been sent!

content:

application/json:

schema:

\$ref: '#/components/schemas/OperationSuccessfulResponse'

'400':

description: Request failed! (User is already member of a group)

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/join_requests/group/:

get:

summary: Get join requests of user's group

operationId: getJoinRequestsOfGroup

tags:

- Join Request

security:

- ApiKeyAuth: []

responses:

'200':

description: >-

List of requests to the group (Newest first)

```

    content:
      application/json:
        schema:
          $ref: '#/components/schemas/JoinRequestListResponse'
  '400':
    description: Fetch failed (User doesn't have essential permissions)
    content:
      application/json:
        schema:
          $ref: '#/components/schemas/BadRequestError'
/api/v1/join_requests/accept/:
  post:
    summary: Accept a join request to user's group
    operationId: accpetJoinRequest
    tags:
      - Join Request
    security:
      - ApiKeyAuth: []
    requestBody:
      required: true
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/AcceptJoinRequestSchema'
    responses:
      '200':
        description: User joined the group
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/OperationSuccessfullResponse'
      '400':
        description: >-
          Acceptance failed! (User is already member of a group or acceptor
          doesn't have right permissions to accept request)
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/BadRequestError'
/api/v1/connection_requests/:
  get:
    summary: Get connection request of group
    operationId: getLinkRequestsOfGroup
    tags:

```

- Connection Request

security:

- ApiKeyAuth: []

responses:

'200':

description: List of connection requests to the group (Newest first)

content:

application/json:

schema:

\$ref: '#/components/schemas/LinkRequestListResponse'

'400':

description: Fetch failed (User doesn't have essential permissions)

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

post:

summary: Send a connection request

operationId: sendLinkRequest

tags:

- Connection Request

security:

- ApiKeyAuth: []

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/ConnectionRequestSchema'

responses:

'200':

description: Connection

content:

application/json:

schema:

\$ref: '#/components/schemas/OperationSuccessfullResponse'

'400':

description: Request doesn't delivered! (User doesn't have right permissions)

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/connection_requests/accept:

post:

summary: Accept a connection request

operationId: accpetLinkRequest

tags:

- Connection Request

security:

- ApiKeyAuth: []

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/ConnectionRequestSchema'

responses:

'200':

description: Connection has been accepted

content:

application/json:

schema:

\$ref: '#/components/schemas/OperationSuccessfullResponse'

'400':

description: Request doesn't delivered! (User doesn't have right permissions)

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

/api/v1/chats/:

get:

summary: get chats

operationId: getChats

tags:

- Chat

security:

- ApiKeyAuth: []

responses:

'200':

description: Chats list (newest first)

content:

application/json:

schema:

\$ref: '#/components/schemas/ChatListResponse'

/api/v1/chats/{user_id}/:

get:

summary: get messages in a chat

operationId: getMessages

tags:

- Chat

security:

- ApiKeyAuth: []

parameters:

- name: user_id

in: path

description: user id

required: true

schema:

type: integer

responses:

'200':

description: Chat messages (last messages first)

content:

application/json:

schema:

\$ref: '#/components/schemas/MessagesListResponse'

'400':

description: bad request

content:

application/json:

schema:

\$ref: '#/components/schemas/BadRequestError'

post:

summary: send a message to the user

operationId: sendMessage

tags:

- Chat

security:

- ApiKeyAuth: []

parameters:

- name: user_id

in: path

description: user id

required: true

schema:

type: integer

requestBody:

required: true

content:

application/json:


```
    schema:
      $ref: '#/components/schemas/SendMessageSchema'
  responses:
    '200':
      description: Message sent!
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/OperationSuccessfullResponse'
    '400':
      description: >-
        Message isn't delivered! (User is currently not allowed to send
        message to this user)
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/BadRequestError'
```

```
components:
  parameters: {}
  schemas:
    signupSchema:
      type: object
      properties:
        name:
          type: string
          example: Mohsen
        email:
          type: string
          example: test@gmail.com
        password:
          type: string
          example: 12345678@
    loginSchema:
      type: object
      properties:
        email:
          type: string
          example: test@gmail.com
        password:
          type: string
          example: 12345678@
    CreateGroupSchema:
      type: object
```

```
properties:
  name:
    type: string
    example: Gank of four
  description:
    type: string
    example: We are here for design ...
SendJoinRequestSchema:
  type: object
  properties:
    groupId:
      example: 12
AcceptJoinRequestSchema:
  type: object
  properties:
    joinRequestId:
      example: 12
SendMessageSchema:
  type: object
  properties:
    message:
      type: string
ConnectionRequestSchema:
  type: object
  properties:
    groupId:
      type: integer
      example: 20
GroupResponse:
  type: object
  properties:
    group:
      type: object
      properties:
        name:
          type: string
          example: test
        description:
          type: string
          example: This is a test group
        members:
          type: array
          items:
            type: object
```

example:

id: 15

name: Richard

email: test@gmail.com

role: Owner

AuthSuccessfulResponse:

type: object

properties:

token:

type: string

example: hello

message:

type: string

example: successful

GroupCreationSuccessfulResponse:

type: object

properties:

group:

type: object

properties:

id:

type: string

example: 1

message:

type: string

example: successful

GroupListResponse:

type: object

properties:

groups:

type: array

items:

type: object

example:

id: 1

name: gank of four

description: We are here for design ...

JoinRequestListResponse:

type: object

properties:

joinRequests:

type: array

items:

type: object

example:

id: 14

groupId: 10

userId: 1

date: 1646739337

ChatListResponse:

type: object

properties:

chats:

type: array

items:

type: object

example:

userId: 15

name: test user

MessageResponse:

type: object

properties:

message:

type: string

example: Hi

date:

type: integer

example: 1646739337

sentby:

type: integer

example: 10

MessagesListResponse:

type: object

properties:

messages:

type: array

items:

\$ref: '#/components/schemas/MessageResponse'

LinkRequestListResponse:

type: object

properties:

requests:

type: array

items:

example:

connectionRequestId: 12

groupId: 14

sent: 1646739337

OperationSuccessfulResponse:

type: object

properties:

message:

type: string

example: successful

AuthDuplicateEmailError:

type: object

properties:

error:

type: object

properties:

enMessage:

type: string

example: email is already registered!

AuthFailError:

type: object

properties:

error:

type: object

properties:

enMessage:

type: string

example: Email or password is not correct!

BadRequestError:

type: object

properties:

error:

type: object

properties:

enMessage:

type: string

example: Bad request!

securitySchemes:

ApiKeyAuth:

type: apiKey

in: header

name: Authorization

tags: []