AMSS APP API CONTRACT

Auth

Register:

POST /api/v1/auth/register

```
{
        "email":"gigel@gmail.com",
        "username":"gigelHTML",
        "password":"Parola123!",
        "retypePassword":"Parola123!"
}
```

Returns:

200 - OK

```
{
        "token":"abcdefgh"
}
```

400 - Bad Request

```
{
        "message":"Invalid email format"
}
{
        "message":"Password does not meet security requirements"
}
```

409 - Conflict

```
{
        "message":"A user with this email address already exists"
}
```

Login:

POST /api/v1/auth/login

```
{
```

```
            "email": gigel@gmail.com",
            "password": "Parola123!"
    }
```

Returns:

200 - OK

```
    {
            "token":"abc12lk3klk23facacdsac"
    }
```

400 - Bad Request

```
    {
            "message":"Invalid email or password"
    }
```

Post

Get Post:
GET /api/v1/post/{id}

Returns:
200 - OK

```
{
        "title":"How to center a div",
        "body":"How do i center a div in html help I have homework due in 10
minutes",
        "Tags":[
    {
        "id": 1,
        "name": "test"
    },
    {
        "id": 2,
        "name": "test2"
    }
    ],
        "bestAnswer":null / "answerIdX",
        "votesByLoggedUser": null/List<Vote>,
        "createdDate":2023-01-03T11:15,
        "userName": "gigel"
    }
```

404 - Not Found

```
{
        "message":"The requested post was not found"
    }
```

Create Post:
POST /api/v1/post/

```
    {
```

```
            "title:"How to center a div",
            "body":"How do i center a div in html help I have homework due in 10
    minutes",
            "Tags":[
        {
            "id": 1,
            "name": "test"
        },
        {
            "id": 2,
            "name": "test2"
        }
        ]
        }
    }
```

Returns:
200 - OK
```
    {
            "message":"Post created successfully";
    }
```

400 - Bad Request
```
    {
            "message":"Invalid post format"
            //nu e asa important ca facem validari in FE
    }
```

Edit Post
PUT /api/v1/post/edit/{id}
```
    {
            "title:"How to center a div",
            "body":"How do i center a div in html help I have homework due in 10
    minutes",
            "Tags":[
        {
            "id": 1,
```

```
          "name": "test"
      },
      {
          "id": 2,
          "name": "test2"
      }
      ] la fel ca mai sus daca se poate
  }
```

Returns:
200 - OK
```
  {
          "message":"Post edited successfully";
  }
```

400 - Bad Request
```
  {
          "message":"Invalid post format"
          //nu e asa important ca facem validari in FE
  }
```

Delete Post
DELETE /api/v1/post/delete/{id}
Returns:
200 - OK
```
  {
          "message":"Post deleted successfully";
  }
```

403 - Forbidden - sa nu stearga un user posturile altuia
```
  {
          "message":"Cannot delete post without ownership";
  }
```

404 - Not Found
```
  {
          "message":"The requested post was not found"
  }
```

Pick Best Answer: - answer.userId primeste 10 puncte
POST am pus PUT aici /api/v1/post/{id}/bestAnswer/{answerId}
Returns:
200 - OK

```
{
"message":"best answer picked successfully"
}
```

403 - Forbidden

```
{
"message":"cannot select best answer without ownership"
}
```

404 - Not Found

```
{
"message":"post/answer not found"
}
```

Answer

Post Answer
POST /api/v1/answer/

```
{
        "postId":"a1b2c3",
        "body":"Answer text etc."
}
```

Returns:
200 - OK

```
{
        "message":"Answer posted successfully"
}
```

400 - Bad Request

```
{
        "message":"Post not found"
}
```

Get Answer:
GET /api/v1/answer/{id}

Returns:
200 - OK

```
{
        "body":"Answer text",
        "postId":"1234",
        "userId":"1ab2cd3fa4",am adaugat si username
        "upvoteCount":35,am adaugat si downVoteCount
        "createdDate":10-03-2022T10:45,
        "lastModified":10-03-2022T10:45,
        "revision":0 //un counter pentru number of edits aici nu am pus si
        salvarea initiala, adica daca ai avut 3 edits dupa creare -> 3
        revisions
}
```

404 - Not Found

```
{
        "message":"The requested answer was not found"
}
```

Edit Answer:

POST /api/v1/answer/edit/{id} (post pentru ca se adauga o entitate edit)

```
{
        "body":"Edited answer text"
}
```

Returns:

200 - OK

```
{
        "message":"Answer edited successfully"
}
```

403 - Forbidden

```
{
        "message":"Cannot edit answer without ownership"
}
```

404 - Not Found

```
{
        "message":"The requested answer was not found"
}
```

Delete Answer:

DELETE /api/v1/answer/delete/{id}

Returns:

200 - OK

```
{
        "message":"Answer deleted successfully"
}
```

403 - Forbidden

```
{
```

```
                        "message":"Cannot delete answer without ownership"
        }
```

404 - Not Found

```
        {
                "message":"The requested answer was not found"
        }
```

Get Answers For Post - sorted by most liked first:
GET /api/v1/answer/all?postId=1234
Returns:
200 - OK

```
        {
            [
                {
                        "answerId":"1234",
                        "body":"Answer text", la fel ca mai sus obiectul pe get
                        by id
                        "userId":"1ab2cd3fa4",
                        "upvoteCount":35,
                        "createdDate":10-01-2022T19:43,
                        "lastModified":10-01-2023T19:35,
                        "revision":0 //un counter pentru number of edits
                },
                {
                        //answer 2 json
                }
            ]
        }
```

404 - Not Found

```
        {
                "message":"Post does not exist"
        }
```

Get Answer Suggestions:
GET /api/v1/answer/{id}/suggestions

Returns:
200 - OK

```
{
    [
        {
            "suggestionId":"1234",
            "body":"Suggested modifications",
            "userId":"1ab2cd3fa4",
            "savedDate":10-03-2023T10:45
            "accepted"
            "acceptedOnDate"
        },
        {
            //second suggestion json
        }
    ]
}
```

403 - Forbidden
404 - Not Found

```
{
    "message":"The requested answer was not found"
}
```

Get Answer Edit History:
GET /api/v1/answer/{id}/history

Returns:
200 - OK

```
{
    [
        {
            "body":"text revision 0",
            "revision":0,
            "editDate":10-10-2023T10:35
        },
        {
            "body":"text revision 1",
            "revision":1,
            "editDate":11-10-2023T10:35
        }
    ]
}
```

404 - Not Found

```
        {
                "message":"The requested answer was not found"

        }
```

Accept Suggestion: - suggestion.userId primeste 5 puncte
POST? /api/v1/answer/{id}/accept/{suggestionId}

Returns:
200 - OK

```
{
        "message":"Suggestion accepted successfully"
}
```

404 - Not Found

```
{
        "message":"Suggestion/answer not found"
}
```

Suggestion

Post Suggestion:
POST /api/v1/suggestion/

```
{
        "answerId":1234,
        "body":"Basically the same answer but different"
}
```

Returns:
200 - OK

```
{
        "message":"Suggestion created successfully"
}
```

404 - Not Found

```
{
        "message":"Answer does not exist"
}
```

Get Suggestion:
GET /api/v1/suggestion/{id}
Returns:
200 - OK

```
{
        "body":"Loret ipsum",
        "createdDate":10-03-2023T19:43,
        "accepted":false
}
```

404 - Not Found

```
{
        "message":"Suggestion not found"
}
```

Delete Suggestion:
DELETE /api/v1/suggestion/{id}
Returns:

200 - OK

```
    {
            "message":"Suggestion deleted successfully"
    }
```

400 - Bad request

```
    //daca accepted = true
    {
            "message":"Cannot delete accepted suggestion"
    }
```

403 - Forbidden

```
    {
            "message":"Cannot delete suggestion without ownership"
    }
```

404 - Not Found

```
    {
            "message":"Suggestion not found"
    }
```

Vote

LikeAnswer: - answer.userId primeste 1 punct
POST /api/v1/answer/{answerId}/like

Returns:
200 - OK

```
{
"message":"answer liked successfully"
}
```

400 - Bad Request

```
{
"message":"answer/user not found"
}
```

Downvote: - answer.userId pierde 1 punct
POST /api/v1/answer/{answerId}/like

Returns:
200 - OK

```
{
"message":"answer unliked successfully"
}
```

400 - Bad Request

```
{
"message":"answer/user not found"
}
```

User

GetUser
GET /api/v1/user/{id}

```
{
"username":
"email":
"points":
"phoneNumber":
"badges":
"likes":
}
```

EditUser
PUT /api/v1/user/{id}

```
{
"username":
"phoneNumber":
"email":
"points":
"badges":
"likes":
}
```

DeleteUser
DELETE /api/v1/user/{id}