

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": "abc12lk3k1k23facacdsac"  
}
```

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",
  "upvoteCount": "-1",
  "tags": ["HTML", "CSS", "Javascript"],
  "bestAnswer": null / "answerIdX",
}
```

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": ["HTML", "CSS", "Javascript"],
  "createdAt": "10-03-2021T21:45",
  "lastModified": "10-03-2021T21:45"
}
```

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

PATCH /api/v1/post/{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": ["HTML", "CSS", "Javascript"]
}
```

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/{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"
}
```

Optional

PATCH /api/v1/post/{id} -lockPost

//un flag de locked care blocheaza alti useri din a mai adauga comentarii? Un post se blocheaza dupa alegerea unui bestAnswer

Optional

Retrieve Latest Posts: (for homepage)

GET /api/v1/search/latest?page=0&pageSize=5

Optional

Retrieve Posts by Tags: (find similar posts to the current one's tags, sorted by recently posted)

GET /api/v1/search?tags="java,html"&page=0&pageSize=25

Optional

Retrieve Posts by Name: (search by name)

GET /api/v1/search?name="Center Div"&page=0&pageSize=25

Pick Best Answer: - answer.userId primeste 10 puncte

POST /api/v1/post/{id}/bestAnswer/

```
{      "answerId": "1235"
}
```

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": "Invalid postId"
}
```

Get Answer:

GET /api/v1/answer/{id}

Returns:

200 - OK

```
{
  "body": "Answer text",
  "postId": "1234",
  "userId": "1ab2cd3fa4",
  "upvoteCount": 35,
  "createdAt": "10-03-2022T10:45",
  "lastModified": "10-03-2022T10:45",
  "revision": 0 //un counter pentru number of edits
}
```

404 - Not Found

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

```
}
```

Edit Answer:

PATCH /api/v1/answer/{id}

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

Returns:

200 - OK

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

400 - Bad Request

```
{  
  "message": "Answer structure incorrect"  
}
```

403 - Forbidden

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

404 - Not Found

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

Delete Answer:

DELETE /api/v1/answer/{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?postId="1234"&page=0&pageSize=5

Returns:

200 - OK

```
{
  [
    {
      "answerId": "1234",
      "body": "Answer text",
      "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",
      "editDate":10-03-2023T10:45
    },
    {
      //second suggestion json
    }
  ]
}
```

403 - Forbidden

User A poate vedea lista de sugestii pe care o primește User B pe answerul lui?

404 - Not Found

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

Optional - cred ca pentru sistemul asta cu revisions ne mai trebuie un tabel cu istoricul fiecarui edit

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": "4325"
}
```

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"  
}
```

Like

LikeAnswer: - answer.userId primește 1 punct

POST /api/v1/answer/{answerId}/like

Returns:

200 - OK

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

400 - Bad Request

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

UnlikeAnswer: - answer.userId pierde 1 punct

DELETE /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":
  "badges":
  "likes":
}
```

EditUser - asta poate fi folosit pentru adaugarea de badges daca nu facem cu tabel
badges-users

PATCH /api/v1/user/{id}

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

DeleteUser

DELETE /api/v1/user/{id}
