Two separate project's shared to make a single restful django API. These are the modules.

- joined both projects functionalities.
- cerated django project with all admin, user accounts
- password stored in hash
- Programed the token based authentication but it is not activated

Task was to create end points of these modules.

1. Generate_conceptual_understanding_ideas
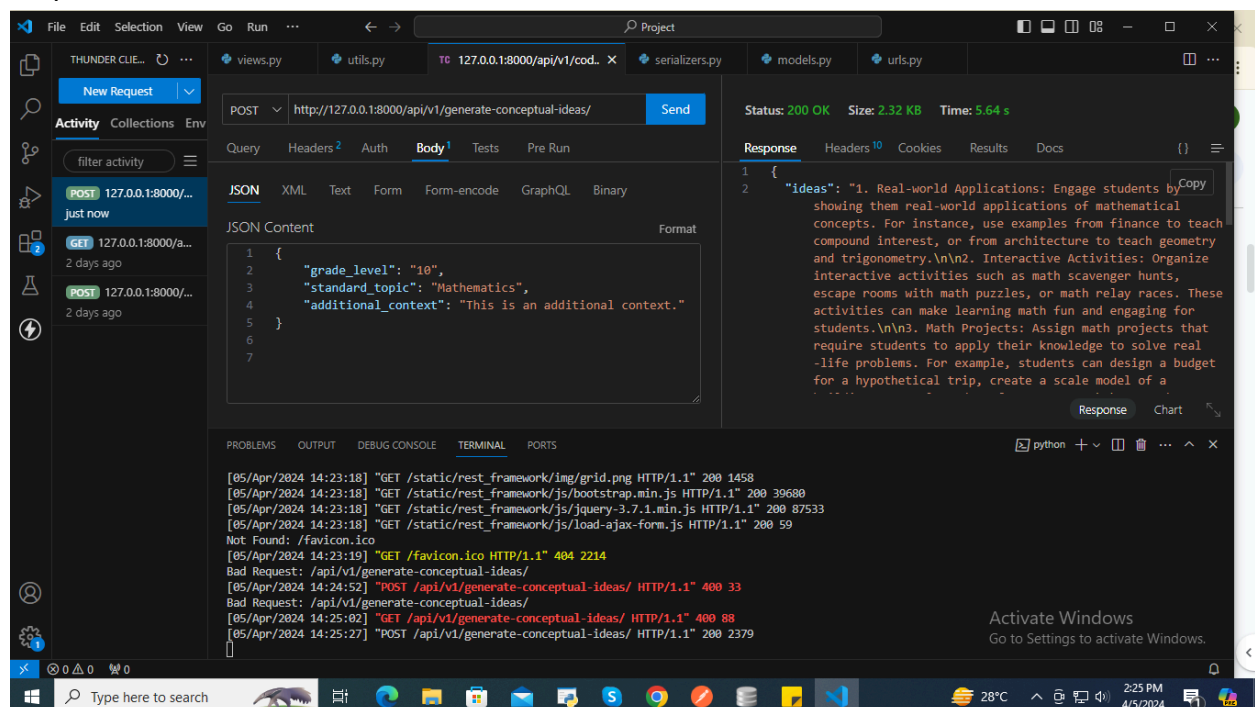Post method was needed.
Created and tested.
one module is done.

URL: http://127.0.0.1:8000/api/v1/generate-conceptual-ideas/
Json input:

```
{
    "grade_level": "10",
    "standard_topic": "Mathematics",
    "additional_context": "This is an additional context."
}
```

Output

2. generate_email_draft
Post method was needed.
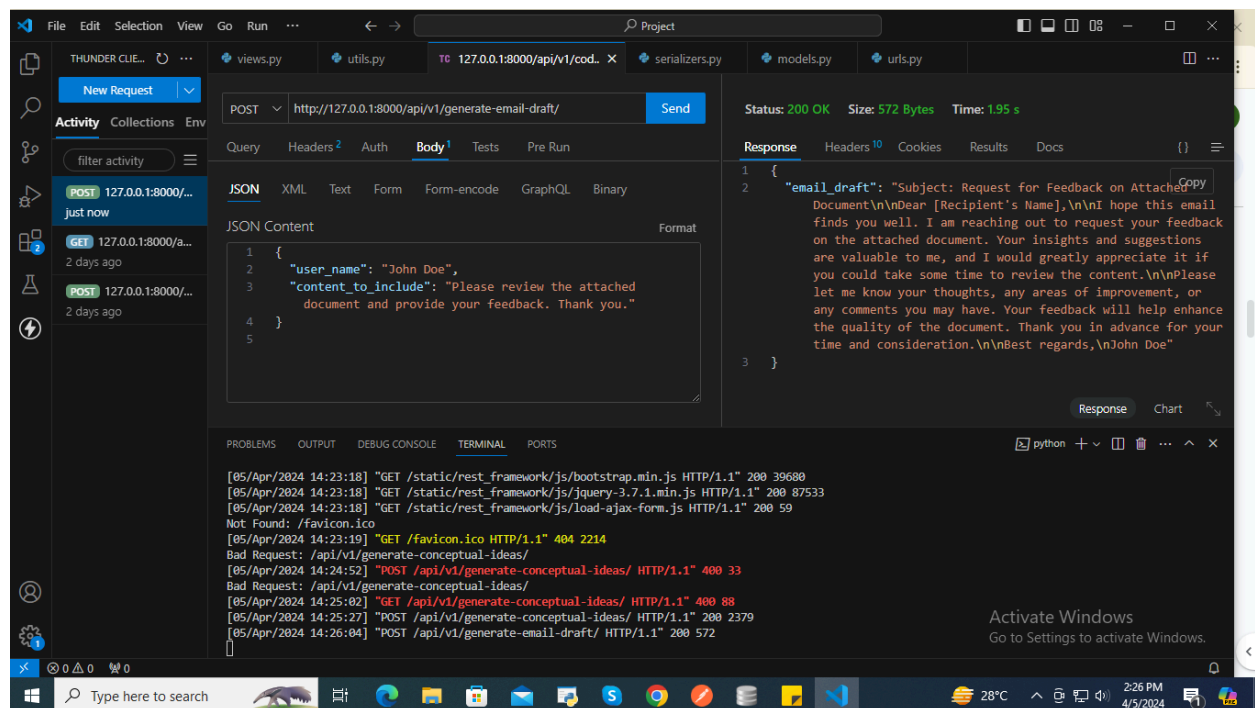Created and tested.

URL: http://127.0.0.1:8000/api/v1/generate-email-draft/
Json input:

```
{
  "user_name": "John Doe",
  "content_to_include": "Please review the attached document and provide your feedback.
Thank you."
}
```

Output

3. generate_email_response
Post method was needed.
Created and tested.

URL: http://127.0.0.1:8000/api/v1/generate-email-response/
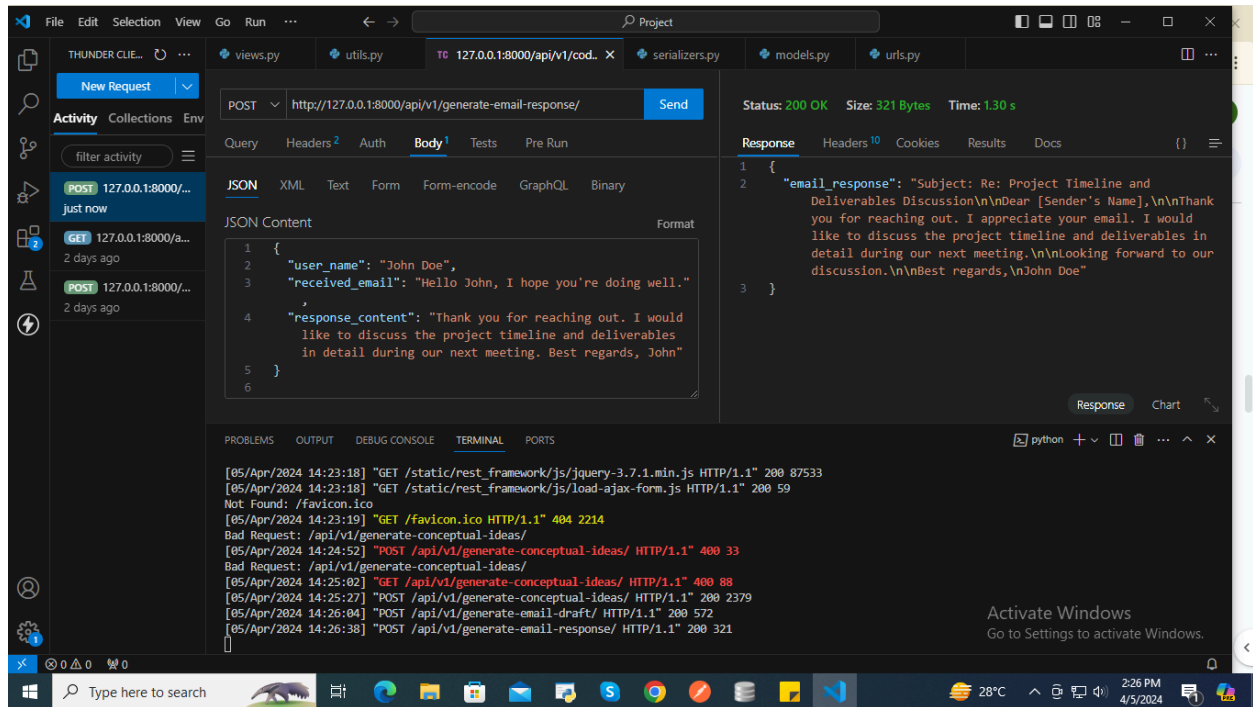Json input:

```
{
```

```
  "user_name": "John Doe",
  "received_email": "Hello John, I hope you're doing well.",
  "response_content": "Thank you for reaching out. I would like to discuss the project timeline
and deliverables in detail during our next meeting. Best regards, John"
}
```

Output

4. generate_letter_of_recommendaton
Post method was needed.
Created and tested.

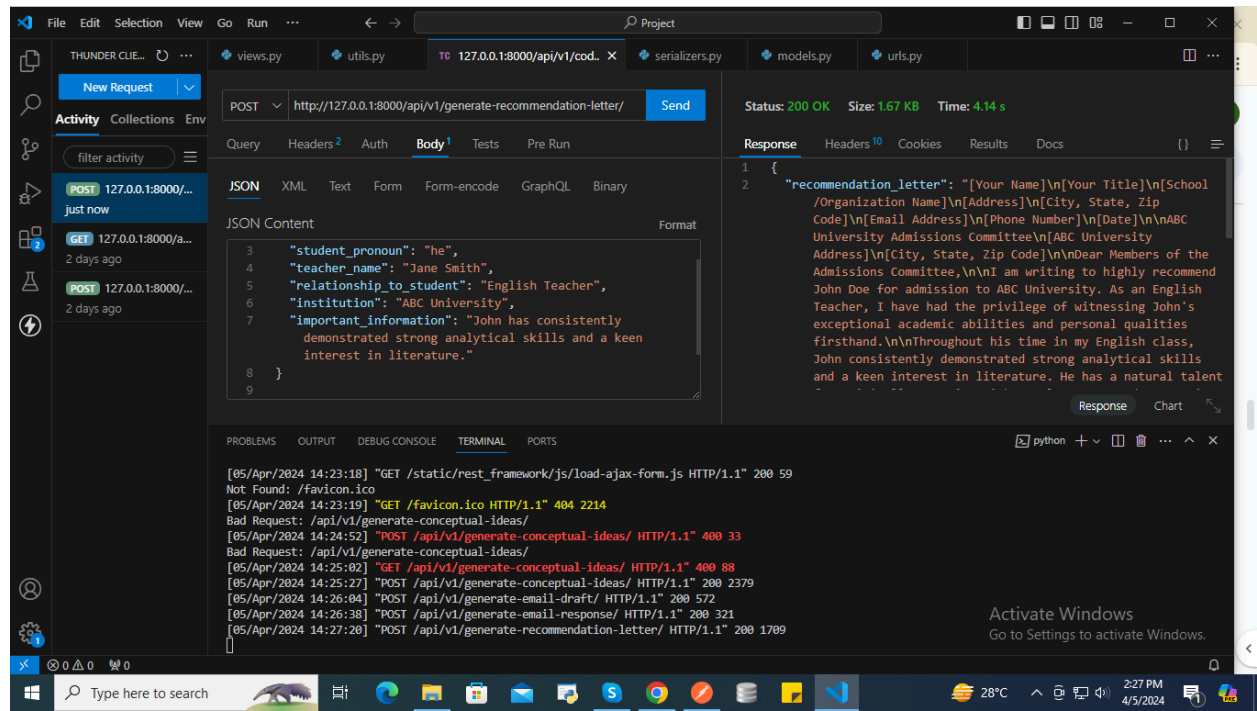URL: http://127.0.0.1:8000/api/v1/generate-recommendation-letter/
Json input:

```
{
  "student_name": "John Doe",
  "student_pronoun": "he",
  "teacher_name": "Jane Smith",
  "relationship_to_student": "English Teacher",
  "institution": "ABC University",
  "important_information": "John has consistently demonstrated strong analytical skills and a
keen interest in literature."
}
```

Output

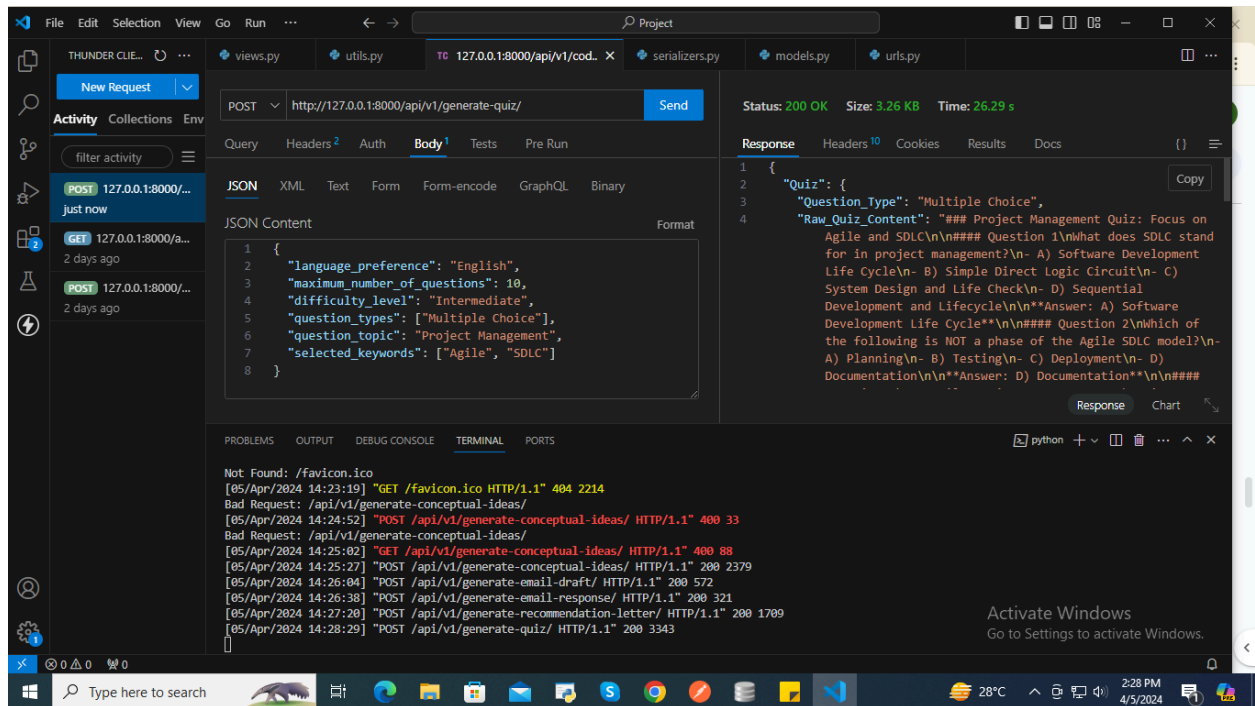## 5. generate_questions_with_chat_gpt
Post method was needed.
Created and tested.

URL: http://127.0.0.1:8000/api/v1/generate-quiz/
Json input:

```
{
  "language_preference": "English",
  "maximum_number_of_questions": 10,
  "difficulty_level": "Intermediate",
  "question_types": ["Multiple Choice"],
  "question_topic": "Project Management",
  "selected_keywords": ["Agile", "SDLC"]
}
```

Output

6. generate_and_translate_transcript (video url) & 7. generate_quiz_with_transcripted_text

Post method was needed.

Created and tested.

URL: http://127.0.0.1:8000/api/v1/youtube-transcripted/
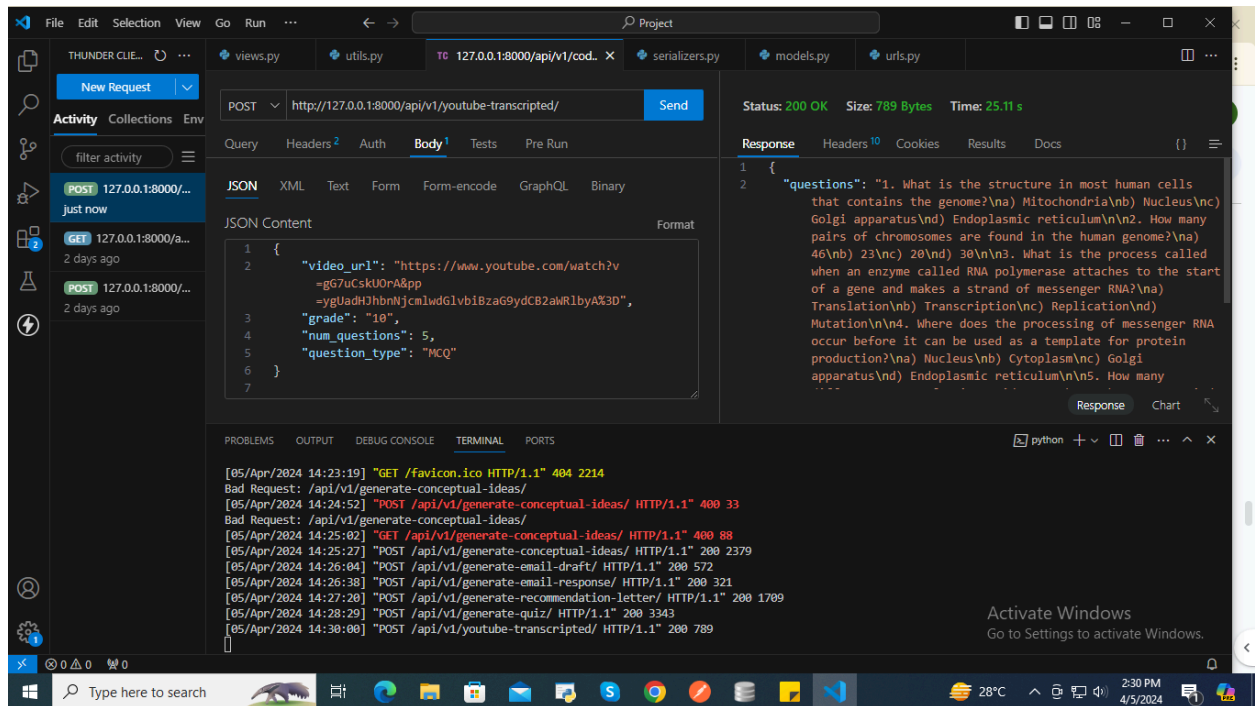
Json input:
```
{
    "video_url":
"https://www.youtube.com/watch?v=gG7uCskUOrA&pp=ygUadHJhbnNjcmlwdGlvbiBzaG9ydCB2aWRlbyA%3D",
    "grade": "10",
    "num_questions": 5,
    "question_type": "MCQ"
}
```
Output

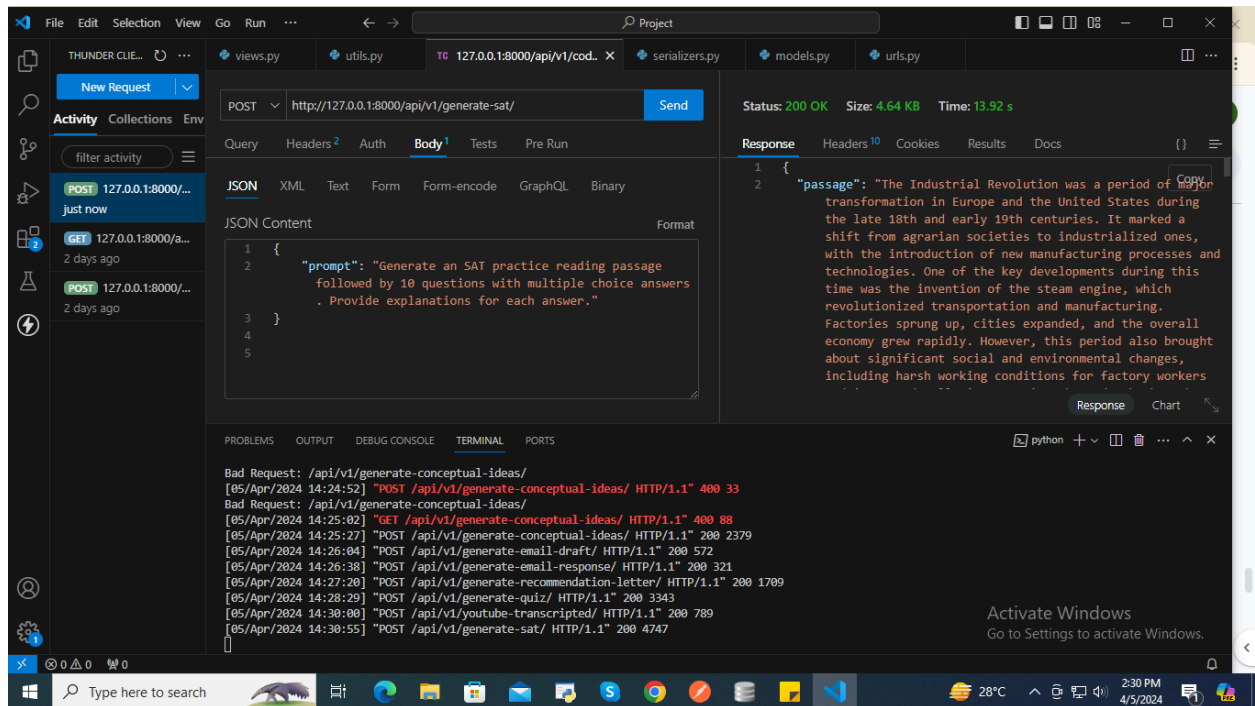## 8. generate_sat_reading_practice
Post method was needed.
Created and tested.

URL: http://127.0.0.1:8000/api/v1/generate-sat/
Json input:
{
    "prompt": "Generate an SAT practice reading passage followed by 10 questions with multiple choice answers. Provide explanations for each answer."
}
Output

9. generate_syllabus_json
Post method was needed.
Created and tested.

URL: http://127.0.0.1:8000/api/v1/generate-syllabus/
Json input:
{
    "grade_level": "10",
    "subject": "English",
    "course_description": "This course focuses on developing language skills.",
    "course_objectives": "Improve reading, writing, and communication skills.",
    "required_materials": "Textbooks, notebooks, pens, and access to online resources.",
    "grading_policy": "Grading based on assignments, tests, and class participation.",
    "class_policies": "Attendance is mandatory, respectful behavior is expected.",
    "course_outline": "Introduction, reading comprehension, writing exercises, oral presentations."
}

Output:

File Edit Selection View Go Run ··· ← → 🔍 Project

THUNDER CLIE... ↻ ···

New Request ⌄

Activity Collections Env

filter activity ≡

POST 127.0.0.1:8000/...
just now

GET 127.0.0.1:8000/a...
2 days ago

POST 127.0.0.1:8000/...
2 days ago

views.py utils.py TC 127.0.0.1:8000/api/v1/cod.. ✕ serializers.py models.py urls.py

POST ⌄ http://127.0.0.1:8000/api/v1/generate-syllabus/ Send

Query Headers ² Auth Body ¹ Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content   Format

```
        access to online resources.",
7       "grading_policy": "Grading based on assignments, tests
        , and class participation.",
8       "class_policies": "Attendance is mandatory, respectful
        behavior is expected.",
9       "course_outline": "Introduction, reading comprehension
        , writing exercises, oral presentations."
10  }
11
```

Status: 200 OK Size: 1.61 KB Time: 5.09 s

Response Headers ¹⁰ Cookies Results Docs {} ≡

```
1 ⌄ {
2     "syllabus_content": "**Grade 10 English Syllabus**\n\n**Course
      Description:**\nThis course focuses on developing language
      skills through a variety of activities and exercises to
      enhance reading, writing, and communication abilities.\n\n
      **Course Objectives:**\n- Improve reading comprehension
      skills\n- Enhance writing proficiency\n- Develop effective
      communication skills\n\n**Required Materials:**\n-
      Textbooks\n- Notebooks\n- Pens\n- Access to online
      resources\n\n**Grading Policy:**\nGrades will be based on
      the following criteria:\n- Assignments\n- Tests\n- Class
      participation\n\n**Class Policies / Expectations:**\n-
      Attendance is mandatory\n- Respectful behavior is expected
```

Response Chart

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ⟩ python + ⌄ ⬚ 🗑 ··· ⌃ ✕

```
[05/Apr/2024 14:24:52] "POST /api/v1/generate-conceptual-ideas/ HTTP/1.1" 400 33
Bad Request: /api/v1/generate-conceptual-ideas/
[05/Apr/2024 14:25:02] "GET /api/v1/generate-conceptual-ideas/ HTTP/1.1" 400 88
[05/Apr/2024 14:25:27] "POST /api/v1/generate-conceptual-ideas/ HTTP/1.1" 200 2379
[05/Apr/2024 14:26:04] "POST /api/v1/generate-email-draft/ HTTP/1.1" 200 572
[05/Apr/2024 14:26:38] "POST /api/v1/generate-email-response/ HTTP/1.1" 200 321
[05/Apr/2024 14:27:20] "POST /api/v1/generate-recommendation-letter/ HTTP/1.1" 200 1709
[05/Apr/2024 14:28:29] "POST /api/v1/generate-quiz/ HTTP/1.1" 200 3343
[05/Apr/2024 14:30:00] "POST /api/v1/youtube-transcripted/ HTTP/1.1" 200 789
[05/Apr/2024 14:30:55] "POST /api/v1/generate-sat/ HTTP/1.1" 200 4747
[05/Apr/2024 14:31:47] "POST /api/v1/generate-syllabus/ HTTP/1.1" 200 1649
```

⊗ 0 ⚠ 0 ⚡ 0

Type here to search

28°C 2:31 PM 4/5/2024