Tunisian Tapestry API

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Introduction

Introduction

- Introducing the Tunisian Tapestry API: a platform inspired by the intricate beauty of a physical tapestry.
- Rich, diverse, and interconnected collection of ideas, experiences, and events offering a window into Tunisian culture.
- A platform for Tunisian events and cultural celebrations, providing visibility and engagement opportunities.
- Bringing Tunisian heritage into the light, connecting communities with the vibrant tapestry of Tunisian culture.

Problem Statement

Problem Statement

- Tunisian events are underrepresented on major global platforms.
- Limited visibility and reach, even within local communities.
- Local culture is underappreciated, leading to insufficient support for artists.
- Stagnation in the entertainment industry.
- Low appeal to tourism.

Need: A critical need exists for a Tunisian events platform to shine a spotlight on our cultural manifestations, fostering heightened community engagement.

Value Proposition

Value Proposition

"Tunisian Tapestry" is a dynamic and user-friendly events explorer API designed to unlock the full spectrum of Tunisia's cultural richness. With an extensive database of Tunisian manifestations, users gain exclusive access to a wide variety of events, from traditional celebrations to contemporary art exhibits.

Impact and Benefits

Impact and Benefits - Part 1

- ○ **Community Empowerment:** Create a dynamic community that actively supports Tunisian art and culture.
- ○ **Empowering Artistic Expression:** Support local artists by providing a platform that amplifies their work.
- ○ **Stimulating the Entertainment Industry:** Create a vibrant landscape benefiting artists, audiences, and the broader cultural community.

Impact and Benefits - Part 2

- ○ **Tourist Allure:** Showcase Tunisia's cultural richness globally, attracting tourists and contributing to the expansion of the tourism sector.
- ○ **Empowering Economy:** Drive economic prosperity by revitalizing the local entertainment industry and creating opportunities for thriving cultural businesses.
- ○ **Impactful Well-being:** Recognize the profound impact of cultural engagement on community well-being.

Key Features

Key Features

- **Flexible Login Options:** Users can sign in using their credentials or conveniently use their Google accounts for streamlined authentication.
- **Event Access:** Explore and access details about all events within the system.
- **Bookmarking and Personalized Lists:** Bookmark any event and create a personalized list for quick access.
- **Ticket Purchase:** Simplify the event experience by providing a direct ticket purchase feature through the platform.
- **Event Creation:** Users can actively contribute to our community by creating and showcasing their events.

Conclusion

Conclusion

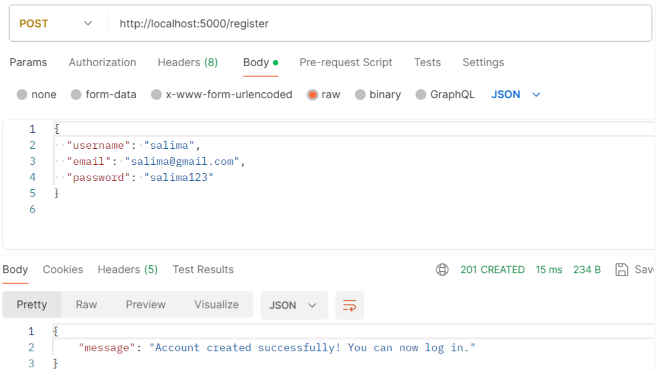
The motivation driving our API is deeply rooted in its profound impact on both the community and the entertainment industry. Aligning with existing resources, we have strategically prioritized the implementation of essential features. As we move forward, we envision a vast potential for optimization and enhancement in areas such as data access, interface design, and user experience. Looking ahead, our goal extends to reaching a broader audience, with global expansion firmly positioned on our roadmap.

Questions and Answers

Any Questions?

Appendix

Appendix



POST http://localhost:5000/register

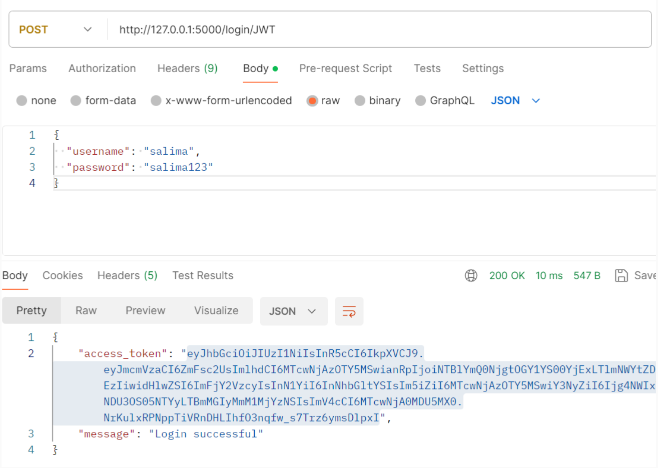
```
{
  "username": "salima",
  "email": "salima@gmail.com",
  "password": "salima123"
}
```

201 CREATED 15 ms 234 B

```
{
    "message": "Account created successfully! You can now log in."
}
```

Registration

Appendix



http://127.0.0.1:5000/login/JWT

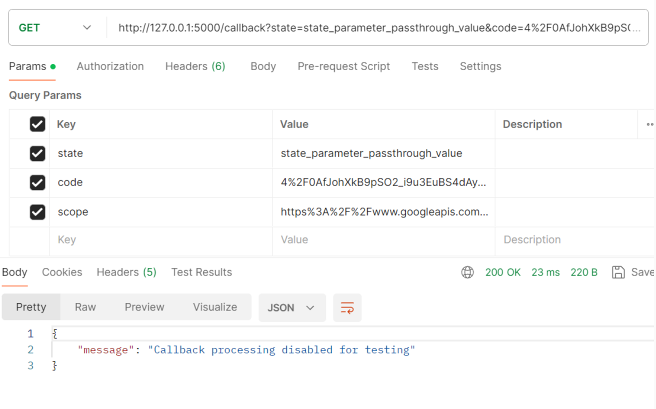
```
{
  "username": "salima",
  "password": "salima123"
}
```

200 OK 10 ms 547 B

```
{
    "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
        eyJmcmVzaCI6ZmFsc2UsImlhdCI6MTcwNjAzOTY5MSwianRpIjoiNTBlYmQ0NjgtOGY1YS00YjExLTlmNWYtZD
        EzIiwidHlwZSI6ImFjY2VzcyIsInN1YiI6InNhbGltYSIsIm5iZiI6MTcwNjAzOTY5MSwiY3NyZiI6Ijg4NWIx
        NDU3OS05NTYyLTBmMGIyMmM1MjYzNSIsImV4cCI6MTcwNjA0MDU5MX0.
        NrKulxRPNppTiVRnDHLIhfO3nqfw_s7Trz6ymsDlpxI",
    "message": "Login successful"
}
```

Login

Appendix



http://127.0.0.1:5000/callback?state=state_parameter_passthrough_value&code=4%2F0AfJohXkB9pS(...

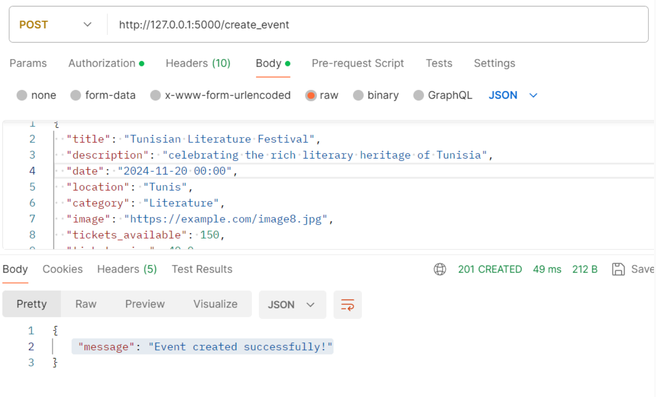
Query Params

☑	Key	Value	Description
☑	state	state_parameter_passthrough_value	
☑	code	4%2F0AfJohXkB9pSO2_i9u3EuBS4dAy...	
☑	scope	https%3A%2F%2Fwww.googleapis.com...	
	Key	Value	Description

```
{
    "message": "Callback processing disabled for testing"
}
```

Generating Access token

Appendix



POST http://127.0.0.1:5000/create_event

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

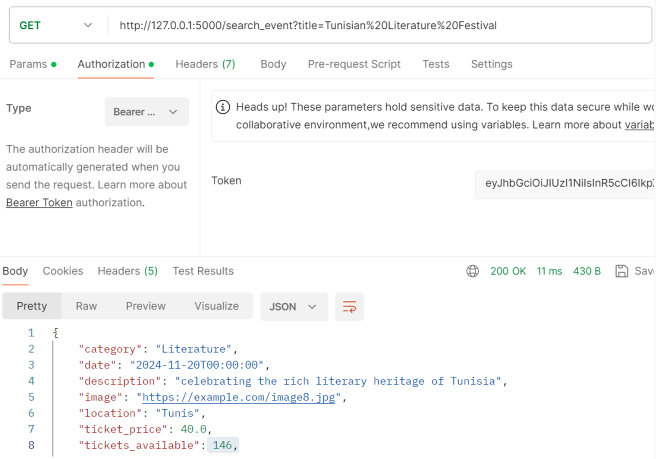
```
{
  "title": "Tunisian Literature Festival",
  "description": "celebrating the rich literary heritage of Tunisia",
  "date": "2024-11-20 00:00",
  "location": "Tunis",
  "category": "Literature",
  "image": "https://example.com/image8.jpg",
  "tickets_available": 150,
```

201 CREATED 49 ms 212 B

```
{
    "message": "Event created successfully!"
}
```

Creating an Event

Appendix



GET http://127.0.0.1:5000/search_event?title=Tunisian%20Literature%20Festival

Type: Bearer ...

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

ⓘ Heads up! These parameters hold sensitive data. To keep this data secure while wo
collaborative environment,we recommend using variables. Learn more about variab

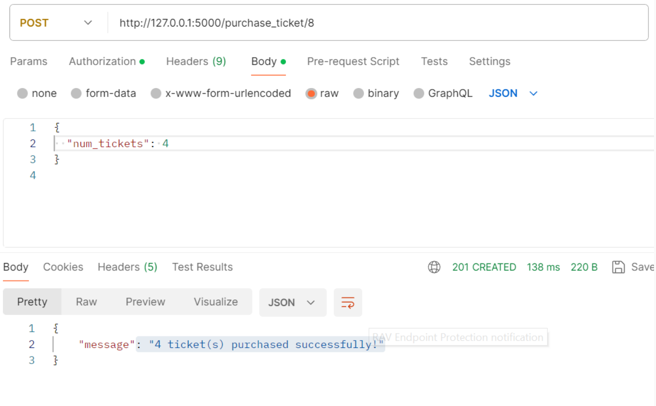
Token: eyJhbGciOiJIUzI1NiIsInR5cCI6Ikp

200 OK 11 ms 430 B

```
{
    "category": "Literature",
    "date": "2024-11-20T00:00:00",
    "description": "celebrating the rich literary heritage of Tunisia",
    "image": "https://example.com/image8.jpg",
    "location": "Tunis",
    "ticket_price": 40.0,
    "tickets_available": 146,
```

Search an event

Appendix



POST http://127.0.0.1:5000/purchase_ticket/8

● raw JSON

```
{
  "num_tickets": 4
}
```

201 CREATED 138 ms 220 B

```
{
    "message": "4 ticket(s) purchased successfully!"
}
```

Purchase a ticket