

# Wallet Management API Documentation

## Authentication

Base URL: <http://localhost:9000/api/v1/auth>

### Signup

Endpoint: /signup

Method: POST

Description: Allows users to sign up with basic details like username, email, and password.

Request Body:

json

Copy code

```
{  
  "username": "John Doe",  
  "email": "johndoe@example.com",  
  "password": "password123"  
}
```

Response Format: JSON

Authentication: None

### Login

Endpoint: /login

Method: POST

Description: Authenticates users and generates a JWT token for subsequent API requests.

Request Body:

json

Copy code

```
{  
  "email": "johndoe@example.com",  
  "password": "password123"  
}
```

Response Format: JSON

Authentication: None

## Expense Categories Management

Base URL: <http://localhost:9000/api/v1/expensecategory>

### Add Expense Category

Endpoint: /addExpenseCategory

Method: POST

Description: Adds a new expense category.

Request Body:

json

Copy code

```
{  
  "categoryName": "Groceries"  
}
```

Response Format: JSON

Authentication: Bearer Token

### Fetch Expense Category

Endpoint: /fetchExpenseCategory

Method: GET

Description: Retrieves all expense categories for the user.

Response Format: JSON

Authentication: Bearer Token

### Delete Expense Category

Endpoint: /deleteExpenseCategory/{categoryId}

Method: DELETE

Description: Deletes an existing expense category.

Authentication: Bearer Token

## Expenses Management

Base URL: <http://localhost:9000/api/v1/expense>

## Add Expense

Endpoint: /addExpense

Method: POST

Description: Adds a new expense with details like title, date, amount, and selected expense category.

Request Body:

json

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```
{  
  "title": "Groceries",  
  "date": "2024-05-08T10:00:00.000Z",  
  "amount": 50.0,  
  "categoryId": "663b69952fe506a1732e40ce"  
}
```

Response Format: JSON

Authentication: Bearer Token

## Fetch Expenses

Endpoint: /fetchExpenses?page=1

Method: GET

Description: Retrieves a paginated list of the user's expenses (e.g., limit 10 expenses per page).

Response Format: JSON

Authentication: Bearer Token