Task 1: Implement a payment portal with Django, Django REST framework, MySQL, and Stripe

Overview:

You will be implementing a payment portal on top of an existing Django project using the Django REST framework, MySQL as the database, and Stripe for payment processing. The payment portal should allow users to pay via PayPal and debit/credit cards.

Requirements:

- Fork the provided Django project repository and create a new branch for your changes.
- Implement a payment portal with Stripe integration that allows users to pay via PayPal and debit/credit cards.
- Use MySQL as the database to store payment information.
- Use Django REST framework to create the API endpoints necessary for payment processing.
- Implement appropriate error handling and error messages for failed payment attempts.
- Write tests to ensure the payment portal is functioning correctly.
- Submit a pull request with your changes for review.

Deliverables:

- A working payment portal with Stripe integration that allows users to pay via PayPal and debit/credit cards.
- API endpoints implemented using Django REST framework.
- Tests that ensure the payment portal is functioning correctly.

Additional considerations:

- Ensure that payment information is securely stored and transmitted.
- Provide clear documentation on how to use the payment portal and its API.
- Follow best practices for coding, testing, and documentation.
- Consider using a front-end framework (such as React or Vue.js) to create a user-friendly interface for the payment portal (optional).