Final Assignment

Create an application using stripe payment gateway,

1. The web app should be mobile responsive (can be used on desktop as well as mobile web browser)
2. No need to create login/signup pages.
3. Refer the below designs for detailed designs and expected behavior on both desktop and mobile views.
4. There should be only 1 product visible. The data should be pulled from the backend API
5. The top navigation bar should be static and non functional.
6. Clicking on the Buy Now button should open the Stripe UI for checkout where the user can add the card details, CVV, etc and make the purchase.
7. The amount should be calculated based on the quantity chosen by the user.
8. On successful payment, show the success popup as per the designs.
9. Successful purchase should also store the details in the database.
10. Handle all the card related errors and validations.

Time Estimation : 6 working days

Design Links :

Web View:
https://www.figma.com/proto/O49k8DHbH3hHGeCheCcIzE/Trainees?page-id=3%3A963&node-id=3%3A965&viewport=666%2C422%2C0.29&scaling=scale-down&starting-point-node-id=3%3A965

Mobile View:
https://www.figma.com/proto/O49k8DHbH3hHGeCheCcIzE/Trainees?page-id=3%3A964&node-id=3%3A1031&viewport=506%2C731%2C0.61&scaling=scale-down&starting-point-node-id=3%3A1031

Here are the reference links :

What is Stripe?: https://stripe.com/docs

API docs : https://stripe.com/docs/api

Techstack Groups

Angular & React use checkout UI : https://stripe.com/in/payments/checkout

Java : https://stripe.com/docs/api?lang=java

NodeJS : https://stripe.com/docs/api?lang=node

Python: https://stripe.com/docs/api?lang=python

Testing

Below are the details about the testing cards that can be used

https://stripe.com/docs/testing

Important Points

1. Create a Backend story and Frontend story on your respective JIRA accounts with your techstack.
2. Log daily work hours in the respective stories.
3. Create separate repositories for backend and frontend. You can give the name as yatin-assign-frontend, yatin-assign-backend.
4. Commit your code daily at the end of the day.
5. Use Figma designs precisely. We are expecting the final output to be similar to the figma designs provided.
6. You are expected to write the code from scratch for both frontend and backend.
7. We will highly encourage you to work individually on this assignment.

Scoring

You will be assessed on the following parameters for both Frontend and Backend separately.

Platform	Parameters	Scoring out of
Frontend	Understanding and clarity of the problem statement	10
	Quality of the code written	10
	Quality of the output	10
	Completion on time	10
	Overall % completion of the assignment	10
Backend	Understanding and clarity of the problem statement	10
	Quality of the code written	10
	Quality of the output	10
	Completion on time	10
	Overall % completion of the assignment	10