

## Lab Work 4: Product Feedback and Review System

### Objective

To collect and display user feedback on products to enhance customer engagement.

### Steps:

#### 1. Review Table Creation

Created a review table with fields (id, productId, userId, rating, comment, and timestamp).

Field Name	Data Type	Details	What It Means
id	Text (ID)	Unique ID automatically created for each review	A special ID that identifies each review
userId	Text (ID)	Refers to the user who wrote the review	Connects this review to a specific user
productId	Text (ID)	Refers to the product being reviewed	Connects this review to a specific product
comment	Text	-	The written feedback from the user
rating	Number (Integer)	-	A numeric rating (e.g., 1 to 5 stars)
createdAt	Date & Time	Automatically set when the review is created	Records when the review was made

#### 2. Review Form

Added a form on each product allowing logged-in users to submit a review if they have the product in their order.

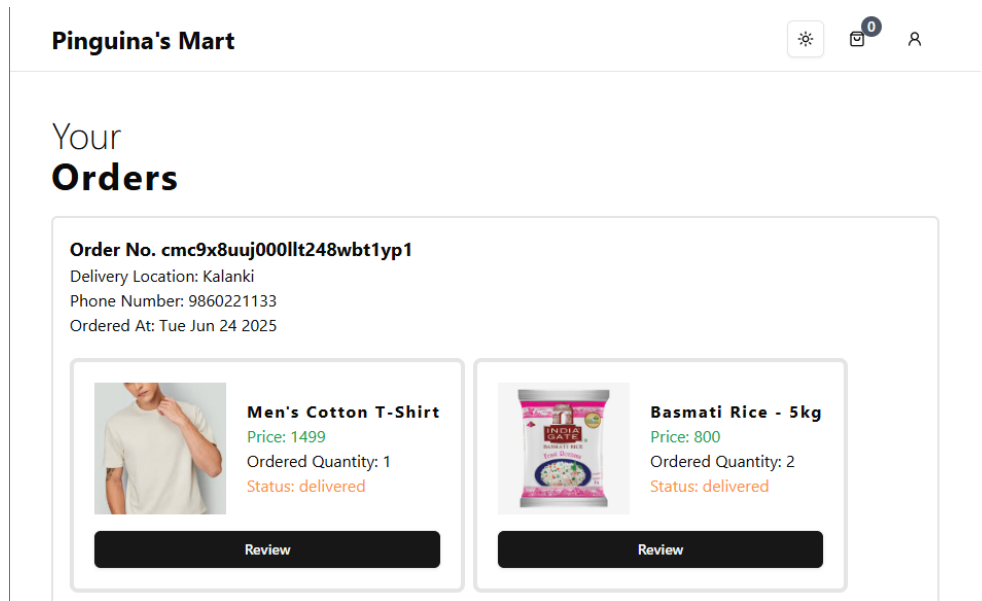


Figure 1: Review button in their orders

The screenshot shows a modal form for reviewing a product. The title is 'Review Men's Cotton T-Shirt' with a close button (X) in the top right. Below the title is the prompt 'Tell us how you feel about the product'. The 'Rating' section shows five stars, with the first four filled and the fifth empty. The 'Review' section is a text area containing the text 'This product is good'. At the bottom, there are two buttons: 'Cancel' and 'Submit Review'.

Figure 2: Review form for the product

### 3. Display Feedback

Fetches and displays the average rating and recent reviews for each product.

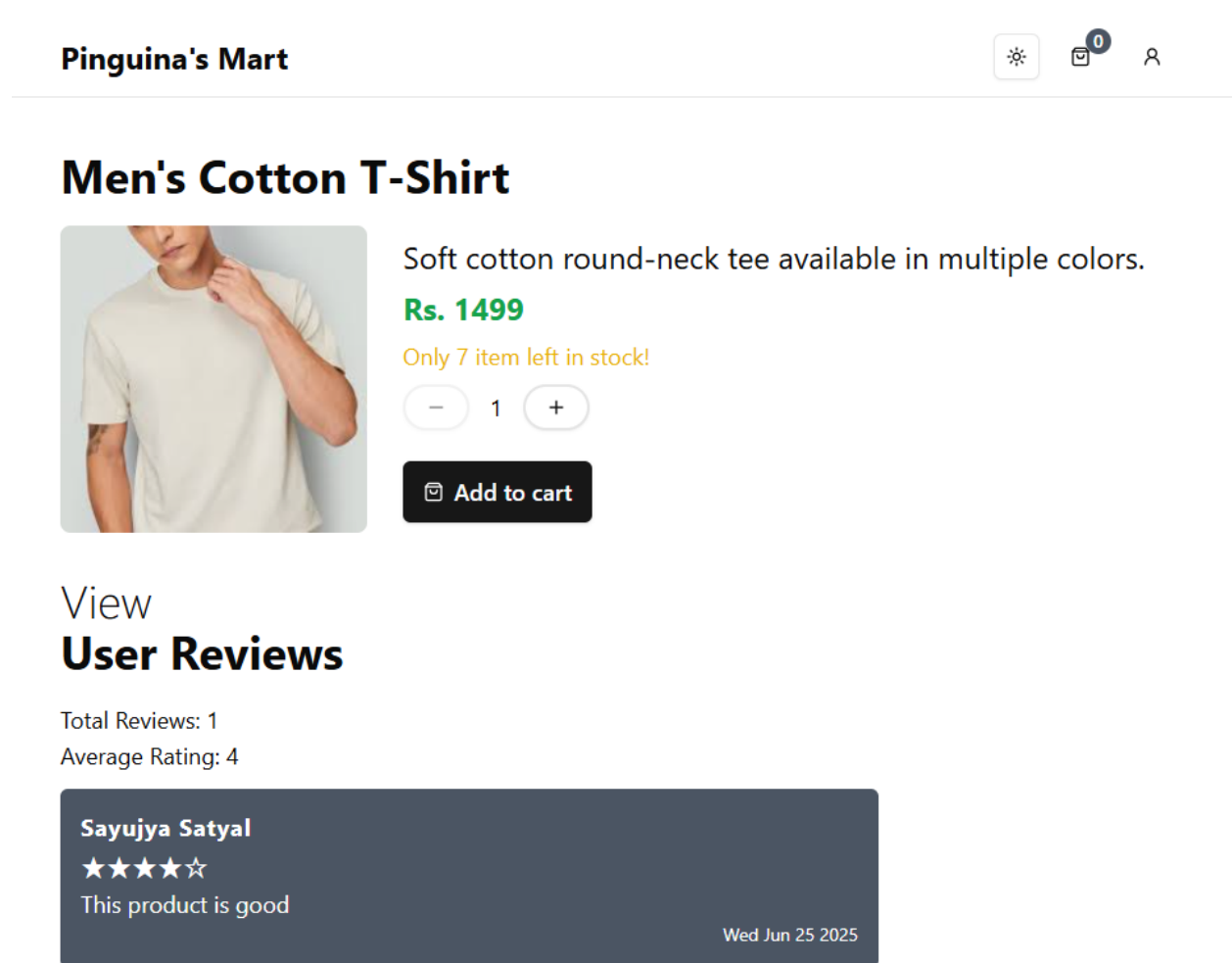


Figure 3: Average Rating and recent reviews

### Result

A customer feedback system where users can submit and view reviews per product was successfully implemented.