Sprint Review — Sprint 2

## Sprint goals:

* Deliver backend functionality for customer interaction, promotional incentives, and analytical insight by enabling review submission, applying promo codes, and tracking order trends.

## Name of goal: Customer Engagement, Incentives, and Order insights

* Key Result 1:
* Customers can submit and retrieve reviews with options sorting by time or rating.
* Key Result 2:
* Valid promo codes can be applied at checkout with discount feedback shown in the order response
* Key Result 3:
* Orders can be retrieved and analyzed over time using endpoints that support filtering by date
* Key Result 4:
* Revenue can be calculated in a given time frame to determine sales from the specified set of orders

## Demos

| Demo | Feedback |
| --- | --- |
| Customer Feedback and Rating: Demonstrate the “/reviews” endpoint to add reviews and “reviews/sorted?sort\_by=rating..” to view reviews sorted by either rating or time. | Sorting the reviews is useful to determine trends in orders. |
| Promotional Code Generator:  Demonstrate how promo codes can be created and validated using “/promos/apply”. If the code is valid and active, a discount is applied to the order. | Promotions can also be applied at the order, payment, or promo level, to ensure plenty of access to it throughout the ordering process. |
| Collect and Use Data of Orders Over Time: Demonstrate“/orders/by\_date\_range” endpoint to accept and extract order trends over time. | This will help with organizing large sets of orders in a cohesive format for processing. |
| Revenue Tracking: Demonstrate the calculation of revenue via “/payments/get\_revenue\_by\_date”. When functioning, a date range is entered and the total sales of the orders within the date range is presented | Works well. No changes needed |

## Complete tasks:

* Implemented customer review submission and sorting: Done
* Built promo code validation and controller logic: Done
* Developed read\_by\_date\_range filter logic: Done
* Generated revenue calculation system for orders: Done

## Upcoming:

* Final testing and documentation cleanup
* Final Presentation prep and group reflection