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Test 3

Section A & B

I created a JavaFX application named Pizza Ordering - Nimesh Neupane. I designed a user interface with input fields for customer name and mobile number, checkboxes for pizza sizes (XL, L, M, S) and a TableView to display the order records as shown in the picture below.

A screenshot of a computer

AI-generated content may be incorrect.

Section C

Database named pizza\_order\_db created with an orders table along with required fields:

A screenshot of a computer

AI-generated content may be incorrect.

Section D

Bill Calculation logic:

A screen shot of a computer program

AI-generated content may be incorrect.

Section E

I created a JUnit test class to validate the bill calculation method.

A screen shot of a computer program

AI-generated content may be incorrect.

Section F

I created a PizzaOrderDAO class that uses JDBC to interact with the database. It contains methods for inserting, updating, reading, and deleting records. The file is attached inside the GitHub link provided.

A screen shot of a computer code

AI-generated content may be incorrect.

Section G

CRUD Operations:

Created and read record

A screenshot of a computer

AI-generated content may be incorrect.

Updated record

A screenshot of a computer

AI-generated content may be incorrect.

Deleted record

A screenshot of a computer

AI-generated content may be incorrect.