Group Name: CDJ

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Project Milestone #3

Report Menu:

We created a report menu option that allows users to easily generate and view various reports. Users can select one of three reports or choose to exit the menu. This menu streamlines the reporting process, making it more efficient and user-friendly.

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An error messge is shown if an incorrect option is entered:

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Supplier Reports:

* The Bacchus winery wanted to know if all suppliers were delivering on time, if there was a gap between expected delivery and actual delivery and they wanted a month-by-month report.
* To achieve this, we developed a report that analyzes supplier deliveries by comparing the expected delivery date with the actual delivery date for each order. This report calculates the total delay days per order.
* Additionally, we created a bar chart to visualize monthly supplier delays, making it easier to identify trends and pinpoint recurring issues.

A screen shot of a computer

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A bar graph with green and blue bars

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Wine Reports:

* The Bacchus winery wanted to know if all wines are selling as they thought, is one wine not selling and which distributor carries which wine.
* To achieve this, we developed a report that retrieves sales data corresponding to the month, sale id, quantity, wine type and distributor name. The results are sorted by sale date (month), sale id and distributor name.
* Additionally, we generated a bar chart to illustrate which wines were sold by each distributor and to identify the least sold wine making it analyze sales distribution and spot underperforming products.

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A graph of different colored bars

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Employees Report:

* The Bacchus winery wanted to know during the last four quarters, how many hours did each employee work?
* To achieve this, we first totaled each employee’s work hours by quarter .
* We then developed a report that returns a list of employees along with the total hours they worked per quarter. The results are sorted by employee id.

A screenshot of a computer screen

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