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Database Use and Development

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Module 9 – Milestone 1

Bacchus Case Study

**Assumptions**:

* Employee hours are not being accurately tracked, reported, or accounted for.
* Supplier deliveries are not accurately tracked or the amount of inventory is not reflective of the number of deliveries to be made or should have been made.
* Either the actual delivery date and time are not aligning with the details of expected delivery date and time or the amount of inventory of the actual inventory does not align with the expected inventory amount.
* Since Janet Collins is in charge of payroll and finances she will know how much each employee is paid and have a log of how many hours each employee has worked for the last four quarters.
* Maria C. is in charge of distribution so she should have a record of the wines that are selling and underperforming as well as a list of which distributors supply which wines.
* Stan and Davis would like an online platform that tracks employee hours worked, supplier deliveries, and distribution details.

**Business Rules w/ Assumptions:**

* Assumption: Supplier deliveries are a crucial aspect of us being able to meet the needs of our distributors and reliable on-time deliveries are expected.

Rule: A monthly report should be kept of all supplier deliveries including delivery details such as the expected delivery date and time and the quantity of each delivery to be made, if inconsistencies are noted more than 3 months in a row that supplier should be replaced as that can cause inconsistencies with wine profits if we can’t adhere to the requirements of our distributors.

* Assumption: Stan and Davis don’t know how many supplies are needed each month for business to flow with no issues or supplies falling out of stock.

Rule: Inventory levels of the bottles, corks, labels, boxes, vats, and tubing should be accurately tracked and reordering should take place when available stock falls below a certain amount.

* Assumption: Distributors would like a more efficient way of placing wine orders and tracking deliveries.

Rule: A fast and accessible way of placing orders would influence distributors to place more orders and would also contribute to more consistent ordering and record keeping.

* Assumption: The new owners are aware they have staff under them and how much money is being spent in total on payroll but not how each employee is being paid and need a system of tracking this.

Rule: Employees should be accurately logging the beginning and ending of each shift as well as any lunch breaks taken during their shifts and in each employee portal there should be the details of their employment such as pay and position at the company for general record keeping.

A screenshot of a computer screen

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