Milestone #1

**Group Alpha:**

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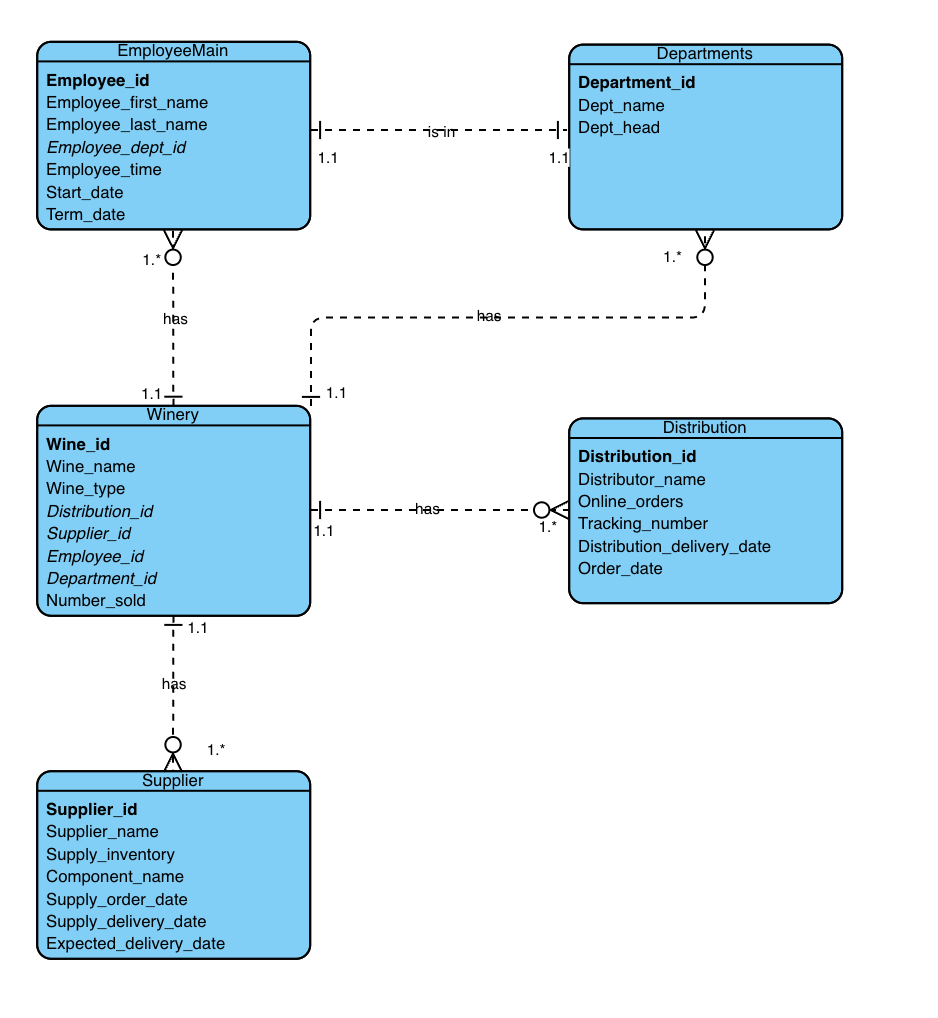
**Case Study:** Bacchus Winery Case Study

**Business Rules:**

Assumptions and rules:

1. The winery produces four types of wines: merlot, cabernet, Chablis, and chardonnay.
2. The winery has four key departments: finance and payroll, marketing, production, and distribution.
3. The winery has a total of 25 employees, 27 if you include the Bacchus brothers.
4. They have three key suppliers, each delivering six different wine-making components every month or so.
5. Maria, in charge of distribution, would like distributors to be able to order online and track shipments. This will make dealings with the winery much more convenient for the distributors.
6. The owners need information on wine distribution and which distributor carries each type of wine. This will help determine which distributor is the most effective at selling each wine as well as provide data to adjust marketing strategies.
7. The owners need information on employee time worked in the last four quarters. This will be helpful in determining employee productivity and identifying issues with attendance.
8. Those in charge of keeping track of supply inventory need to be able to have an efficient way of tracking inventory and ordering more supplies.
9. The owners need to be able to keep track of supply delivery dates to see who delivers supplies most effectively so that they can continue to work with suppliers or find more efficient suppliers.

**Initial ERD:**



Diagram

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