Relational Model:

Entities:

Beer(BeerID, beerName, ABV, IBU, pricePerVolume)

Ingredients(IngredientName)

Equipment(EquipmentID, EquipmentName, PurchaseDate)

Employee(EmployeeID, EmployeeName, Salary, Address, StartDate)

Brewer(EmployeeID) (EmployeeID ref Employee)

Sales(EmployeeID) (EmployeeID ref Employee)

Maintenance(EmployeeID) (EmployeeID ref Employee)

Customer(CustomerID, CustomerName, EmailAddress, DeliveryAddress, EmployeeID) (EmployeeID ref Sales)

Weak entities:

Batch(BatchNum,BatchSize,DateMade, BeerID) (BeerID ref Beer)

BeerCase(CaseID, CasePrice,CaseSize, BatchNum) (BatchNum ref Batch)

Relationships:

Maintains(LaterstInspection, EquipmentID, EmployeeID) (EquipmentID ref Equipment) (EmployeeID ref Employee)

Brews(BrewStart, BrewEnd, EmployeeID, BatchNum, BeerID) (EmployeeID ref Employee) (BatchNum ref Batch) (BeerID ref Beer)

Purchase(CustomerID, CaseID, BeerID) (CustomerID ref Customer) (CaseID ref Case) (BeerID ref eBeer)

Recipe(BeerID, IngredientName) (BeerID ref Beer) (IngredientName ref Ingredients)