

COMPARISON OF SCHOOL RESULTS APPLICATION AND GROCERY STORE BILL APPLICATION		
Feature	School Results Application	Grocery Store Bill Application
Classes	Student, Subject, GradeCalculator	Customer, Product, BillGenerator
Relationship Type	Aggregation	Composition
Relationship Logic	Subjects can exist independently of a student.	Products (as line items) exist only within a customer's bill.
Primary Functionality	Calculate student grades based on marks.	Generate total bill amount for purchased products.
Key Entities	Students, Subjects, Grades	Customers, Products, Bills
Object Diagram Focus	Student with enrolled subjects and marks.	Customer with purchased products, quantities, and prices.
Sequence Diagram Focus	Grade request and calculation process.	Checkout and bill generation process.
Application Domain	Academic Evaluation System	Retail Transaction System