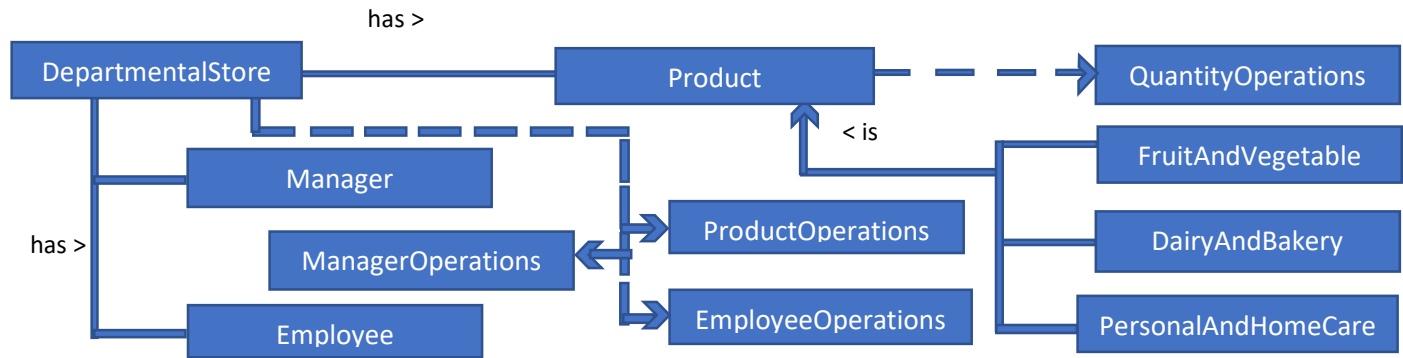


Departmental Store Management Application



DepartmentalStore
Product products []
Manager manager
Employee employees []

Employee
String name
String empId
double salary
void setName(String name)
void setEmpId(String empId)
void setSalary(double salary)
String getName()
String getEmpId()
double getSalary()

Product
String name
String barCode
double price
int availableQuantity
void setName(String name)
void setBarCode(String barCode)
void setPrice(double price)
void setAvailableQuantity(int availableQuantity)
String getName()
String getBarCode()
double getPrice()
int getAvailableQuantity()
abstract void showDetails()

FruitsAndVegetables
String variety //(local/hybrid)
void setVariety(String variety)
String getVariety()

DairyAndBakery
String type //(sugar/sugar free)
void setType(String type)
String getType()

PersonalAndHomeCare
String brand //(local/International)
void setBrand(String brand)
String getBrand()

ProductOperations
boolean insertProduct(Product p)
boolean removeProduct(Product p)
Product searchProduct(String barCode)
void showAllProducts()

EmployeeOperations
boolean insertEmployee(Employee e)
boolean removeEmployee(Employee e)
Employee searchEmployee(String empId)
void showAllEmployees()

ManagerOperations
void addManager(Manager m)
boolean increaseSalary(int amount)
addBonus(int amount)
backBonus(int amount)
void showManger()

QuantityOperations
boolean addQuantity(int amount)
boolean sellQuantity(int amount)

Manager
String name
String manId
double salary
void setName(String name)
void setManId(String manId)
void setSalary(double salary)
String getName()
String getManId()
double getSalary()

Start
<p>The Start class contains the main method. Inside the main method the application prompts the user to choose among the following options:</p> <p>1. Manage Product 2. Manage Product's Add-Sell 3. Manage Manager 4. Manage Employee 5. Exit</p> <p>Upon choosing any of the option the user is given some further options to choose from:</p> <p>Options for Product Management:</p> <p>1. Insert new product 2. Remove product 3. Search product 4. Show all products 5. Go Back</p> <p>Options for Product Quantity Management:</p> <p>1. Add product Quantity 2. Sell Product 3. Show Product Add-Sell History 4. Go Back</p> <p>Options for Manager Management:</p> <p>1. Add new manager 2. Increase employee salary 3. Add Bonus 4. Get Back Bonus 5. Show Manager 6. Go Back</p> <p>Options for Employee Management:</p> <p>1. Insert New Employee 2. Remove Employee 3. Search Employee 4. Show All Employee 5. Go Back</p> <p>The application will prompt the user to give input for the necessary values as per the choice. The application will repeatedly go on according to the user choices.</p>