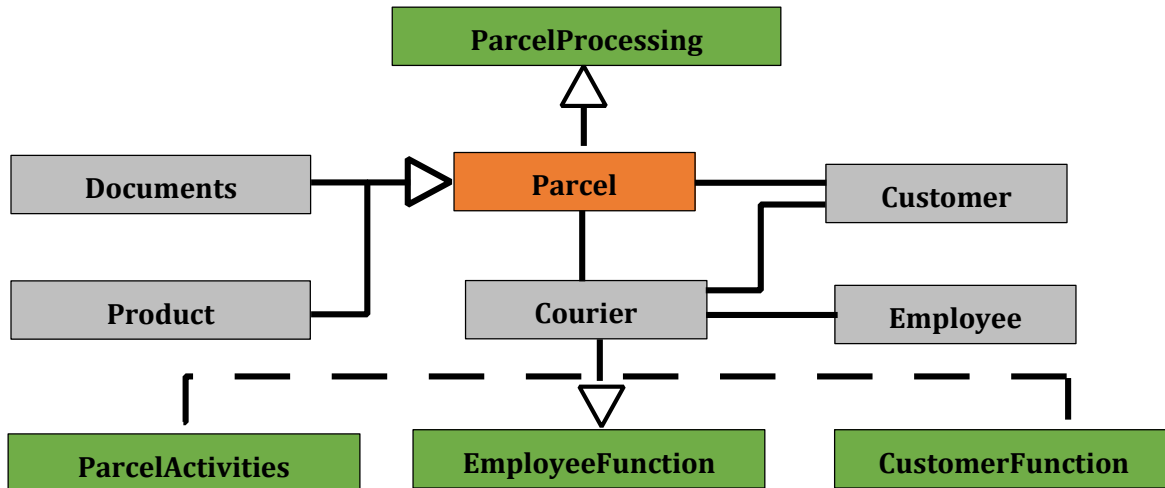


# Courier Management Application



This is an Object Oriented Programing (JAVA) project for a Courier Office.

Customer can Send and Receive parcel from this office. This application helps the employee to done their work preciously. It is an application where they can store Employee Data, Customer Data (Both Sender and Receiver), Customer Location, Parcel type, Charge etc. This information helps the employee to distribute the parcel according to the demand of the customer.

**Group Number : A06**

**Group Members :**

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ParcelProcessing	ParcelActivities
boolean Booking (double Quantity) boolean Receive(double Quantity)	boolean includetparcel(Parcel a) boolean deliver parcelt(Parcel a) Parcel searchParcel(String ParcelNumber) void showAllParcels( )

CustomerFunction	EmployeeFunction
boolean insertCustomer(Customer c) boolean removeCustomer(Customer c) Customer searchCustomer(int nid) void showAllCustomers( )	boolean insertEmployee(Employee e) boolean removeEmployee(Employee e) Employee searchEmployee(String empId) void showAllEmployees( )

Parcel	Customer
String ParcelNumber Customer customer double balance	int nid String name String phnNumber
void setParcelNumber(String parcelNumber) void setCustomer(Customer customer) void setBalance(double balance) String getParcelNumber( ) Customer getCustomer( ) double getBalance( ) abstract void showDetails( )	void setNid(int nid) void setName(String name) void setPhnNumber(String phnNumber) int getNid( ) String getName( ) String getPhnNumber( ) void showDetails( )

Documents	Product
double Size	float Weight
void setSize(double size ) double getSize( )	void setWeight(float weight) float getWeight( )
Employee	Courier
String empId String empName double salary	String name String branchName Parcel parcels[ ] Customer customers[ ] Employee employees[ ]
void setEmpId(String empId) void setEmpName(String empName) void setSalary(double salary) String getEmpId( ) String getEmpName( ) double getSalary( ) void showDetails( )	void setName(String name) void setBranchName(String branchName) String getName( ) String getBranchName( ) void showDetails( )

## Start

The Start class contains the main method. Inside the main method the application prompts the user to choose among the following options:

1. Employee Management
2. Customer Management
3. Parcel Management
4. Parcel Operation
5. Courier Information
6. Exit

Upon choosing any of the option the user is given some further options to choose from:

### [A. K. M. Faysol Mahmud Rusho]

#### *Options for Employee Management:*

1. *Insert New Employee*
2. *Remove Employee*
3. *Search Employee*
4. *Show All Employees*
5. *Go Back*

#### *Options for Customer Management:*

1. *Insert New Customer*
2. *Remove Customer*
3. *Search Customer*
4. *Show All Customers*
5. *Go Back*

### [Md. Asaduzzaman Shadin]

#### *Options for Parcel Management:*

1. *Booking New Parcel*
2. *Cancel Booked Parcel*
3. *Search Parcel*
4. *Show All Parcels*
5. *Go Back*

#### *Option for Booking Parcel:*

1. *Documents Type Parcel*
2. *Product Type Parcel*
3. *Go Back*

### [Mosaeb Bin Mozib]

#### *Options for Parcel Operation:*

1. *Booking Parcel*
2. *Deliver Parcel*
3. *Show Parcel History*
4. *Go Back*