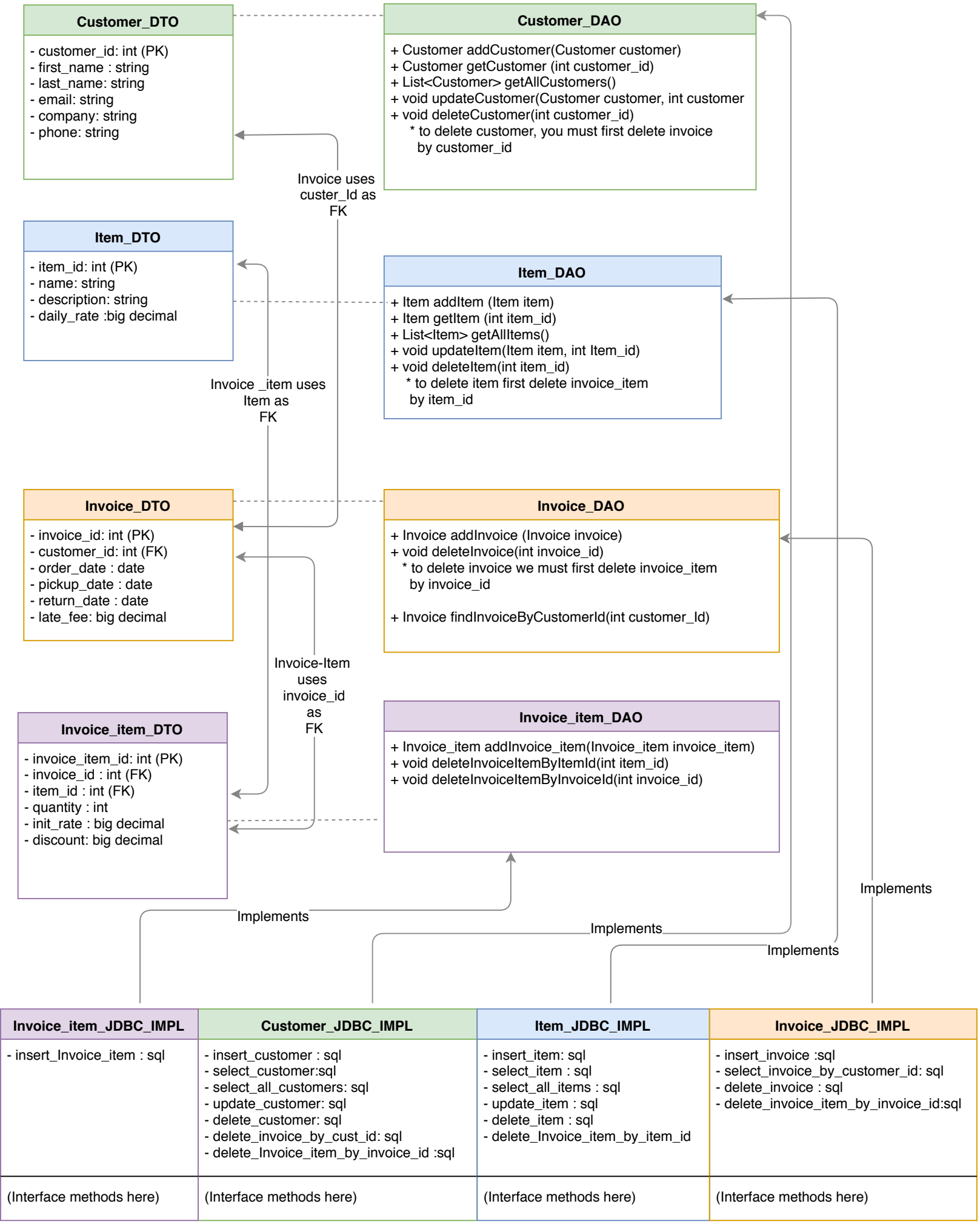
Customer_DTO
- customer_id: int (PK)
- first_name : string
- last_name: string
- email: string
- company: string
- phone: string
Customer_DAO
+ Customer addCustomer(Customer customer)
+ Customer getCustomer (int customer_id)
+ List<Customer> getAllCustomers()
+ void updateCustomer(Customer customer, int customer
+ void deleteCustomer(int customer_id)
* to delete customer, you must first delete invoice by customer_id
Invoice uses custer_Id as FK
Item_DTO
- item_id: int (PK)
- name: string
- description: string
- daily_rate :big decimal
Item_DAO
+ Item addItem (Item item)
+ Item getItem (int item_id)
+ List<Item> getAllItems()
+ void updateItem(Item item, int Item_id)
+ void deleteItem(int item_id)
* to delete item first delete invoice_item by item_id
Invoice _item uses Item as FK
Invoice_DTO
- invoice_id: int (PK)
- customer_id: int (FK)
- order_date : date
- pickup_date : date
- return_date : date
- late_fee: big decimal
Invoice_DAO
+ Invoice addInvoice (Invoice invoice)
+ void deleteInvoice(int invoice_id)
* to delete invoice we must first delete invoice_item by invoice_id
+ Invoice findInvoiceByCustomerId(int customer_Id)
Invoice-Item uses invoice_id as FK
Invoice_item_DTO
- invoice_item_id: int (PK)
- invoice_id : int (FK)
- item_id : int (FK)
- quantity : int
- init_rate : big decimal
- discount: big decimal
Invoice_item_DAO
+ Invoice_item addInvoice_item(Invoice_item invoice_item)
+ void deleteInvoiceItemByItemId(int item_id)
+ void deleteInvoiceItemByInvoiceId(int invoice_id)
Implements
Implements
Implements
Implements
Invoice_item_JDBC_IMPL
- insert_Invoice_item : sql
(Interface methods here)
Customer_JDBC_IMPL
- insert_customer : sql
- select_customer:sql
- select_all_customers: sql
- update_customer: sql
- delete_customer: sql
- delete_invoice_by_cust_id: sql
- delete_Invoice_item_by_invoice_id :sql
(Interface methods here)
Item_JDBC_IMPL
- insert_item: sql
- select_item : sql
- select_all_items : sql
- update_item : sql
- delete_item : sql
- delete_Invoice_item_by_item_id
(Interface methods here)
Invoice_JDBC_IMPL
- insert_invoice :sql
- select_invoice_by_customer_id: sql
- delete_invoice : sql
- delete_invoice_item_by_invoice_id:sql
(Interface methods here)