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SECTION	3B
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ASSIGNMENT NO	CLASS-I
COURSE TITLE	OBJECT ORIENTED PROGRAMMING
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REAL-LIFE UML MODELS

① Online TicketManagement

```
            Ticket Management
private int Id;
private int ticket_no;
private string name;
private String Departure_location;
private string Destiny;
public String SearchBuslocation();
public string chooseTicket (int ticket_no);
public string choose Destiny (int destiny);
public void deleteTicket (int ticked_no, int ticket_id);
public void showdeparturetime ();
```

② LibraryManagement

```
Public LibraryManagement
    private int studentid;
    private string student name;
    private string department;
    private string Book;
    private string membership_id;
    public void searchbook (string book);
    public void issuebook (string book, string memberid);
    public int calculate fine (int noof Days Overdue Date);
    public int createbill (int[]books, int noofpunts);
    public string returnbook (string book);
    public boolean chakbook (string book);
```

③ online shopping

public onlineshopping
private int login_id;
private string password;
private string email;
private int accountbalance;
private long phoneNumber;
public string [ ] updateinfo (string name, int acc_bal, string email, int phono_no);

public void emptycart ( );
public string updateaddCart (string item);
public void deleteitem (string item);
public int payment (public string ()Cart, public int () prices);

(4). facebook

```
public facebook
private string username;
private string pass;
private string [] friends = new String [5020];
private string [] pages;
private string [] followers;
public string addfriend (string friend);
public string Messagefriend (string friend, string Message);
public void updateEmail (string newEmail);
public void removeAfriend (string friend);
public void deleteAccount ();
```

(5) Person

```
Public person
private string name;
private string gender;
private string CNIC;
private []string education;
private [] string employment;
Public boolean checkpakistani (string CNIC);
Public boolean checkGender (string gender);
public double getHeight (double height);
public void getinfo ();
Public void deleteEducation (String education);
```