Web development group work

**Identifying entities, attributes and relationships:**

* **Customer-** (CustomerID{PK}, FName, SName, Address - Street, City, Postcode, DOB, Sex, Email{AK}, Password)
* **ADMIN** (AdminID {PK} FName, SName, Address - Street, City, Postcode, DOB, Sex, Email{AK}, Password)
* **Book-** (BookID{PK}, Description, BookTitle, Genre(s), Price, Format, NumPages, Language, DatePublished, InStock)
* **Reviews-** (ReviewID{PK}, CustomerID{FK}, BookID{FK}, Rating, Description, Date)
* **ORDERS-** (OrderID{PK}, CustomerID{FK}, BookID{FK})

**Relationships:**

* One customer can have many reviews: 1-\*
* One customer can have many orders: 1-\*
* One book can have many reviews: 1-\*

**Database schema:**

**Customer**(CustomerID, FName, SName, Street, City, Postcode, DOB, Sex, Email, Password)

**PRIMARY KEY** Customer\_ID

**FOREIGN KEY REFERENCES**

**ALTERNATE KEY** Email

**Book**(BookID, Description, BookTitle, Genre(s), Price, Format, NumPages, Language, DatePublished, InStock)

**PRIMARY KEY** BookID

**FOREIGN KEY REFERENCES**

**Reviews**(ReviewID, CustomerID, BookID, Rating, Description, Date)

**PRIMARY KEY** ReviewID

**FOREIGN KEY** CustomerID **REFERENCES** Customer (CustomerID)

**FOREIGN KEY** BookID **REFERENCES** Book (BookID)