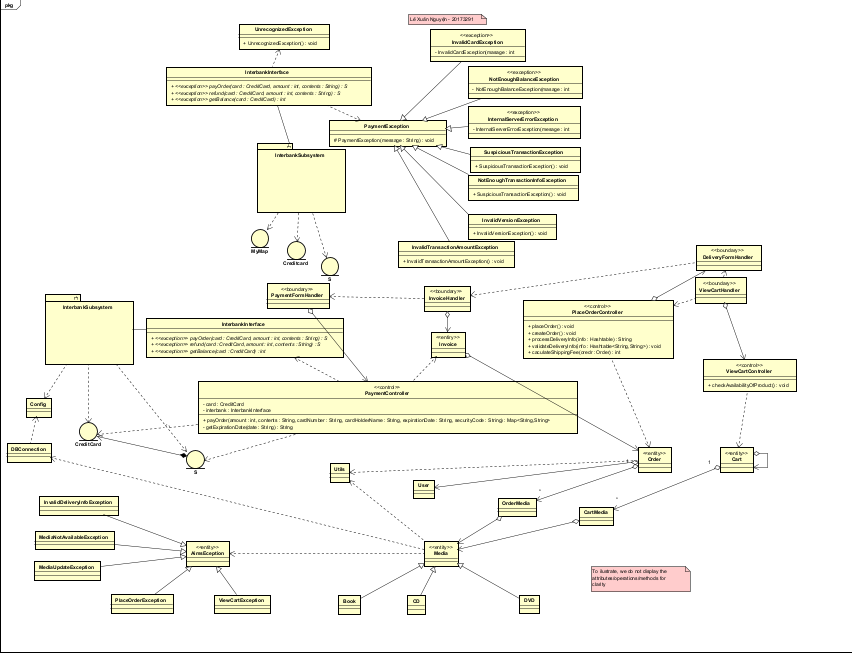
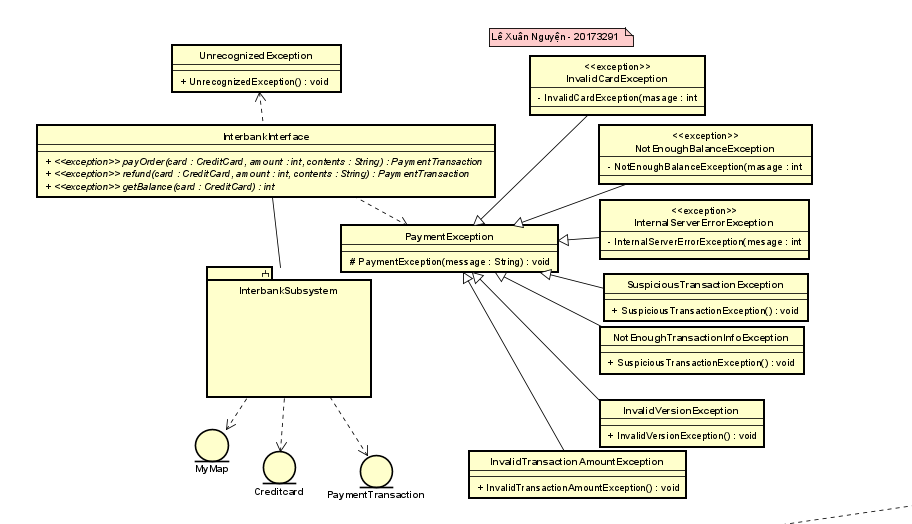
**BÁO CÁO BÀI THỰC HÀNH SỐ 3**

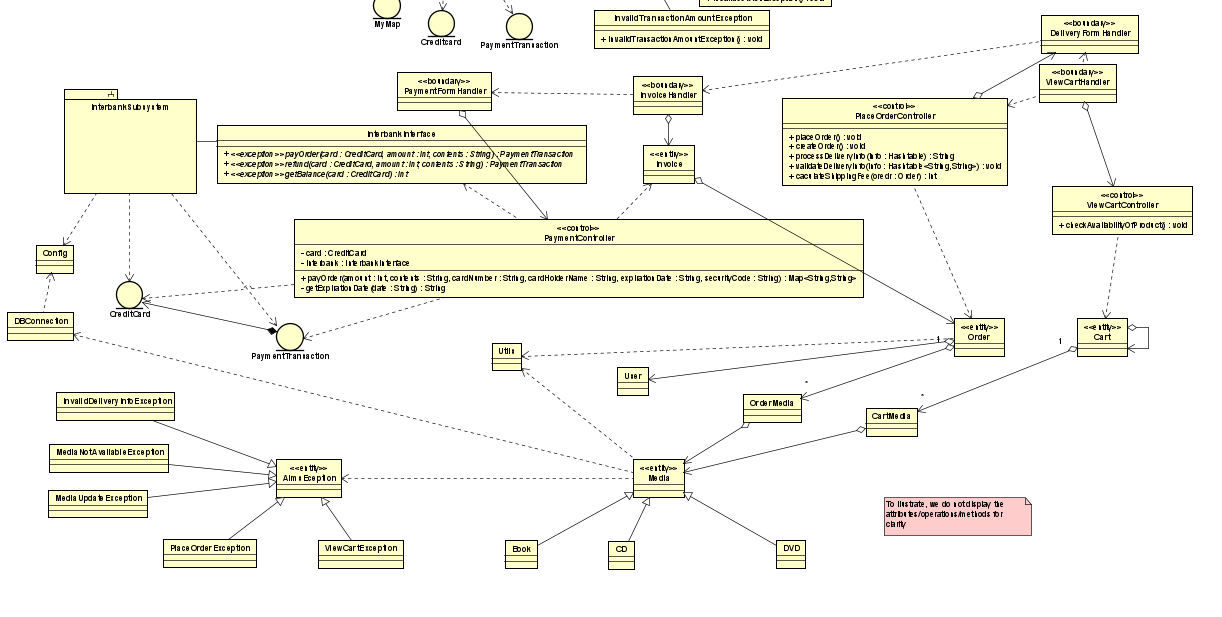
Lê Xuân Nguyện - 20173291

**MỤC LỤC**

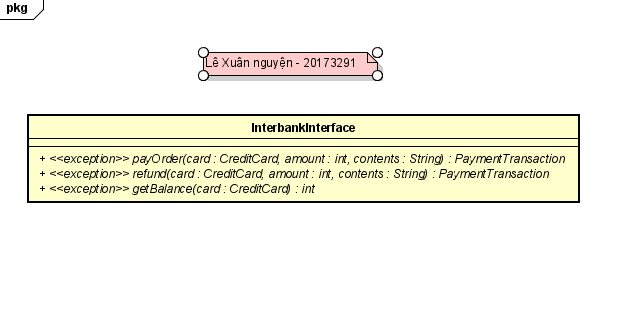
1. **Thiết kế lớp (Class design)**
2. **Xác định mối quan hệ giữa các lớp**
3. **Lớp thiết kế**
   1. **Lớp “InterbankInterface”**
   2. **Lớp “PaymentController”**
   3. **Biểu đồ trạng thái cho đối tượng “order”**
4. **Biểu đồ lớp thiết kế**
5. **Mô hình hóa dữ liệu (Data Modeling)**
6. **Mô hình khái niệm (Conceptual Data Model)**
7. **Thiết kế cơ sở dữ liệu**
   1. **Mô hình dữ liệu logic (Logical data model)**
   2. **Mô hình dữ liệu vật lý (Physical data model)**
8. **Bài tập**
9. **Thết kế lớp**
10. **Mô hình hóa dữ liệu**
11. **Thiết kế lớp (Class design)**
12. **Xác định mối quan hệ giữa các lớp**

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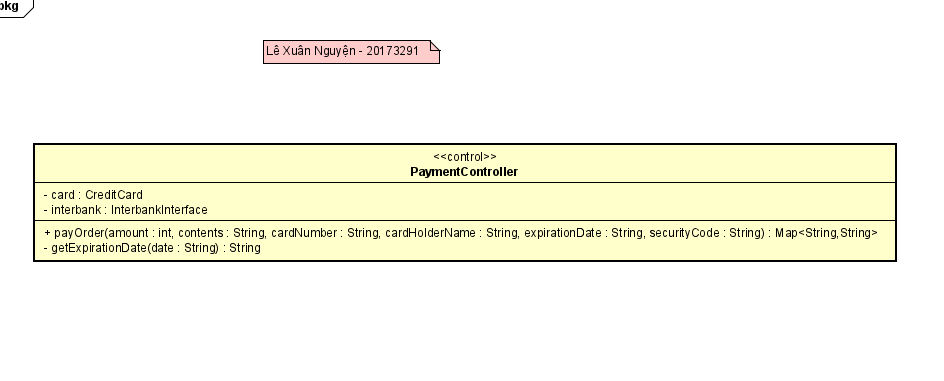
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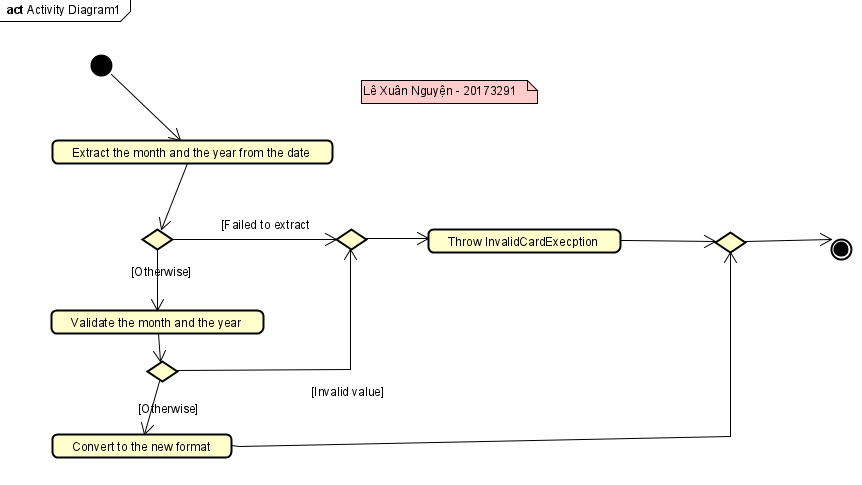
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1. **Lớp thiết kế**
   1. **Lớp “InterbankInterface”**

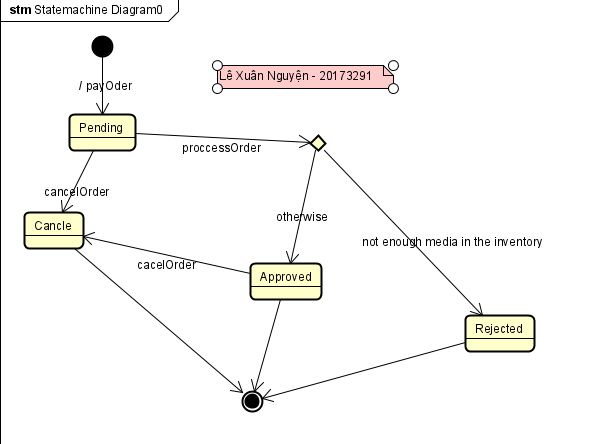
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* 1. **Lớp “PaymentController”**

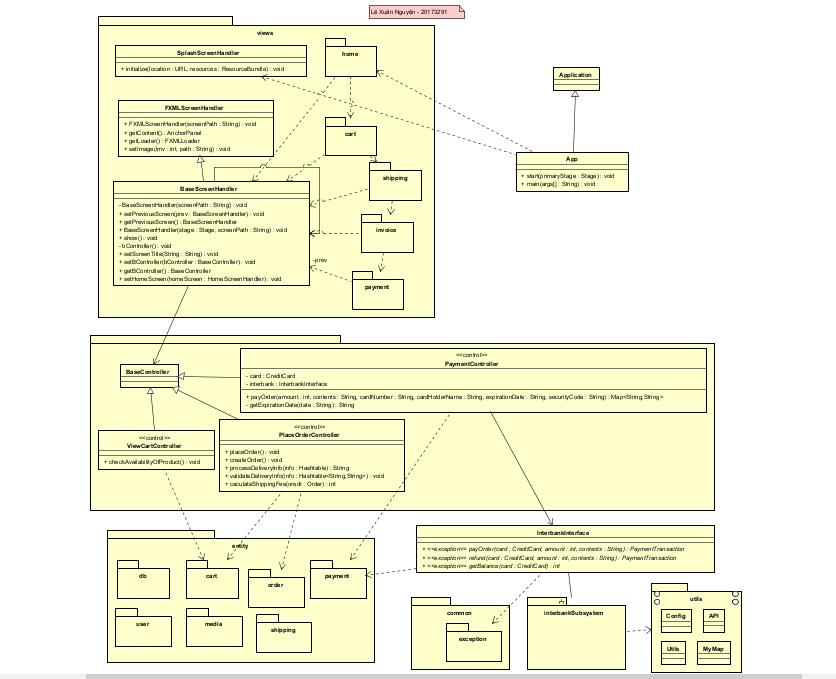
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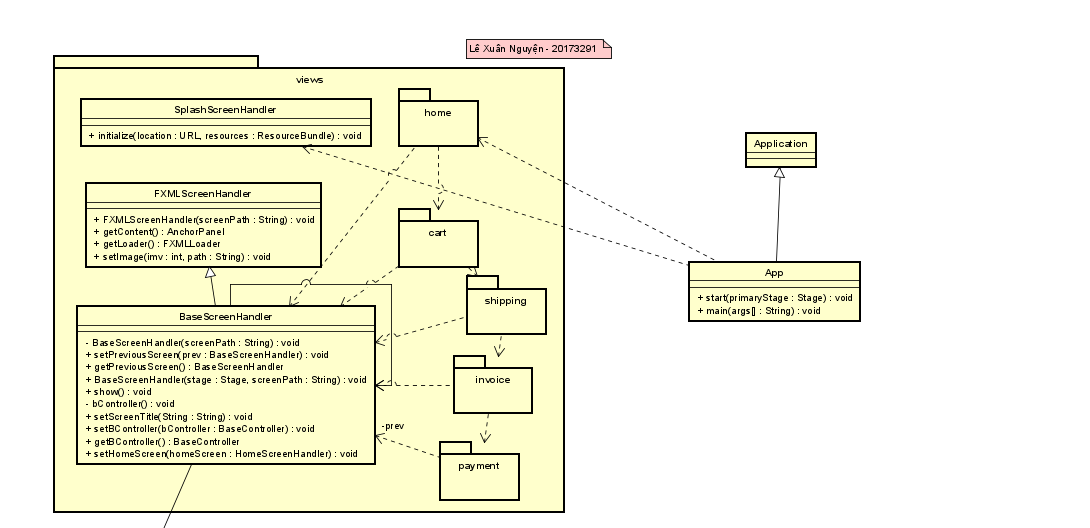
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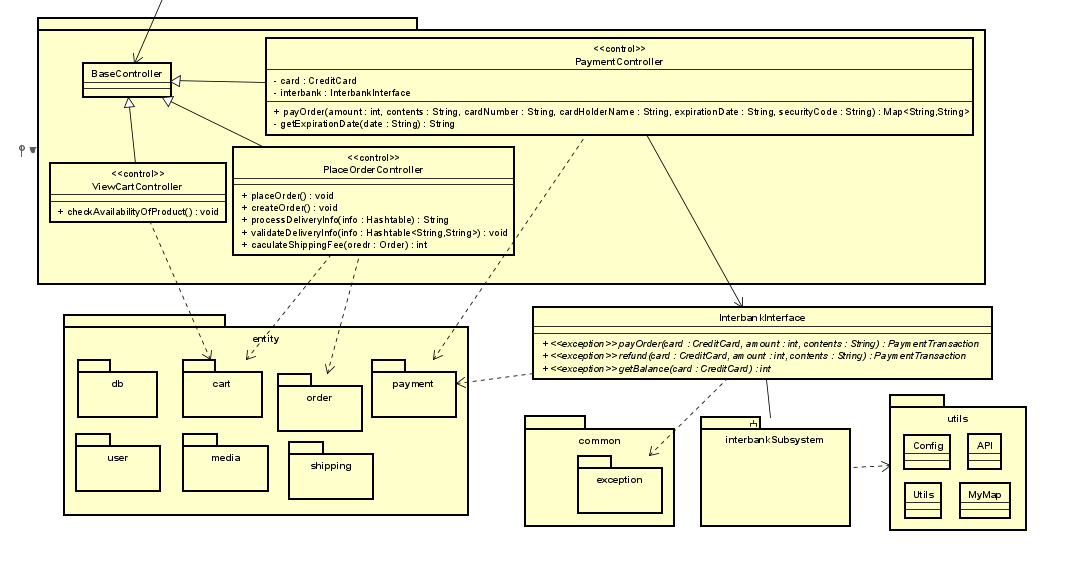
* 1. **Biểu đồ trạng thái cho đối tượng “order”**

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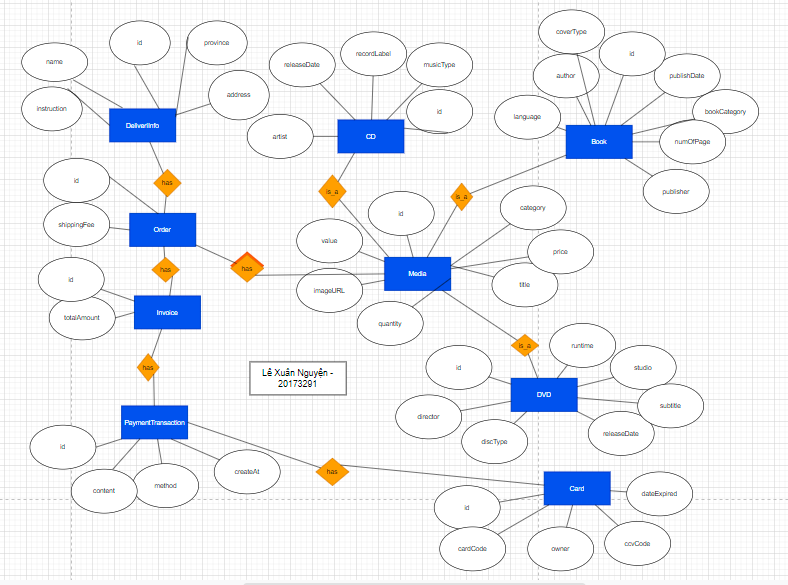
1. **Biểu đồ lớp thiết kế**

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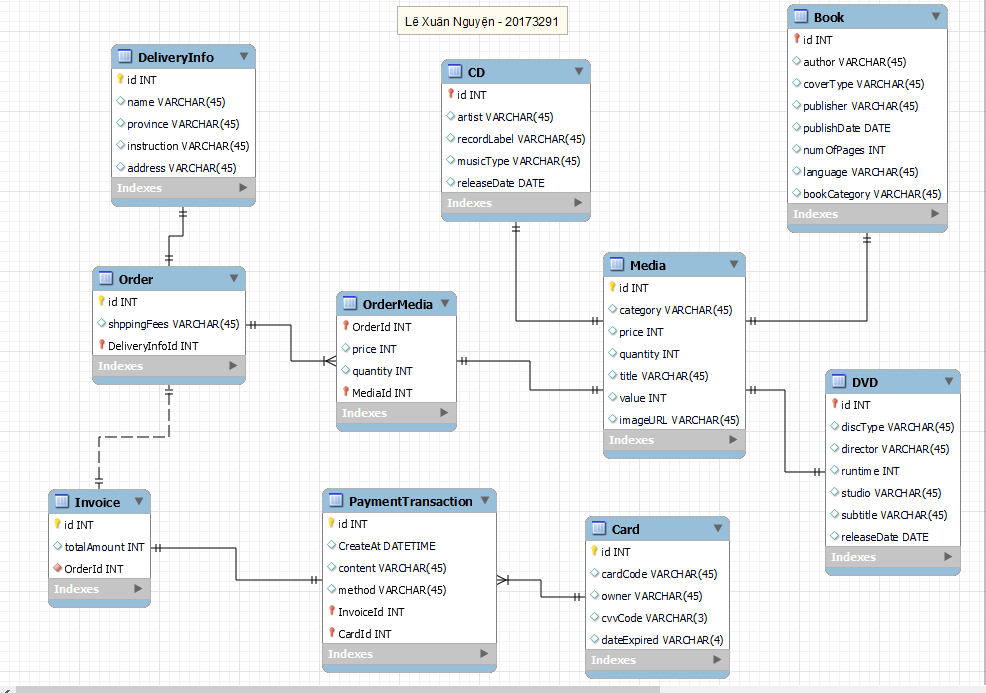
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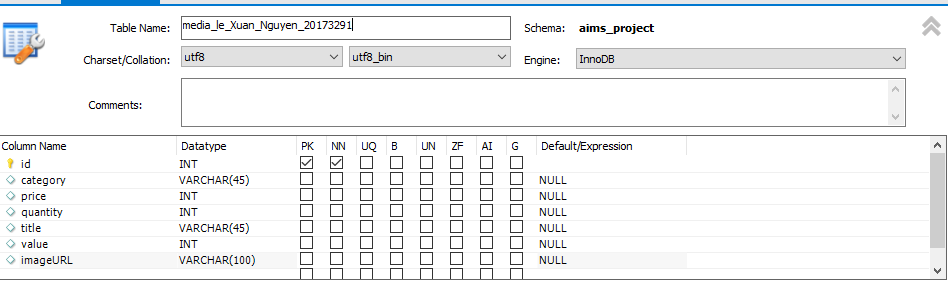
1. **Mô hình hóa dữ liệu (Data Modeling)**
2. **Mô hình khái niệm (Conceptual Data Model)**

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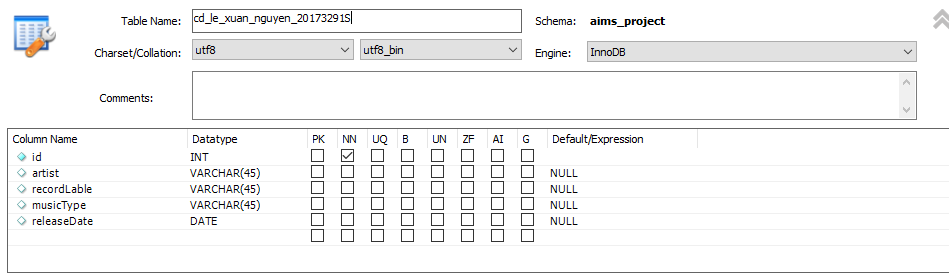
1. **Thiết kế cơ sở dữ liệu**
   1. **Mô hình dữ liệu logic (Logical data model)**

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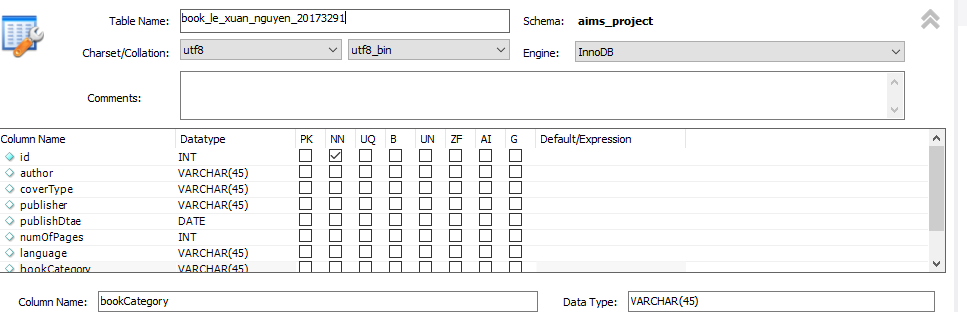
* 1. **Mô hình dữ liệu vật lý (Physical data model)**
* **Media**

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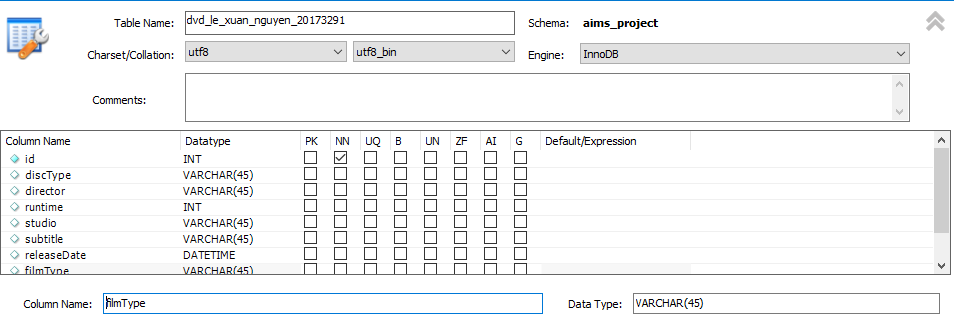
* **CD**

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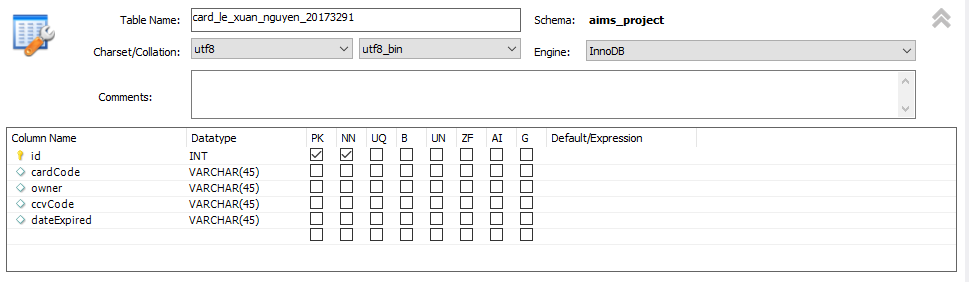
* **Book**

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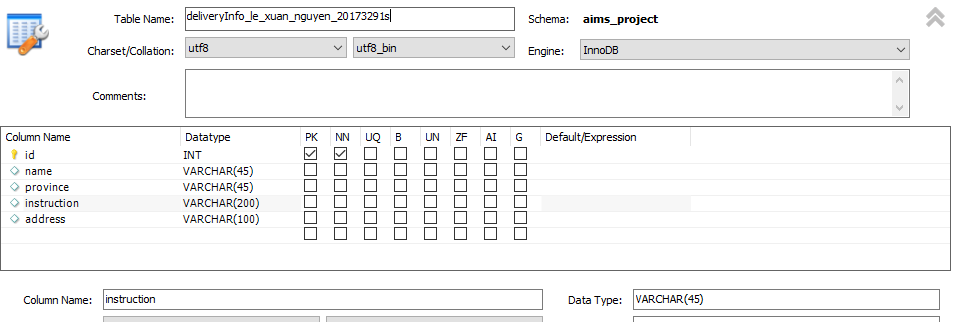
* **DVD**

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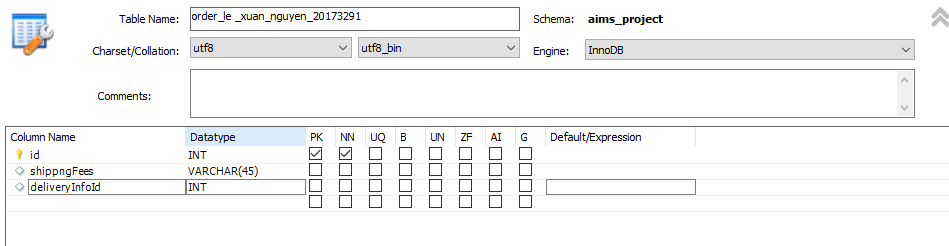
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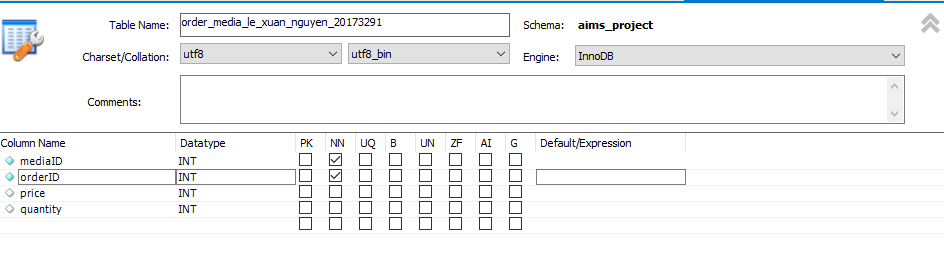
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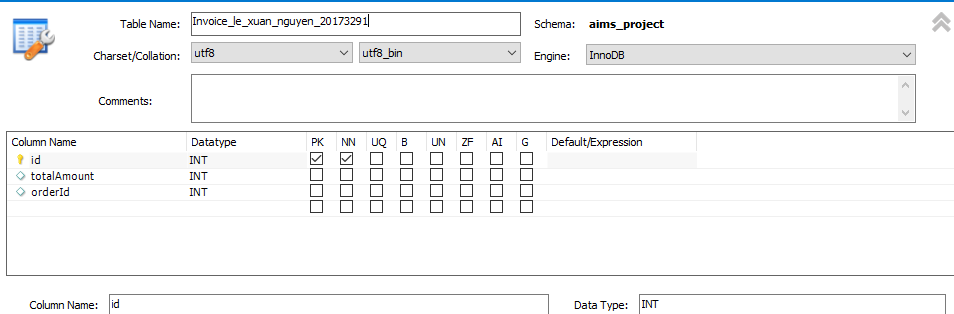
* **Order**

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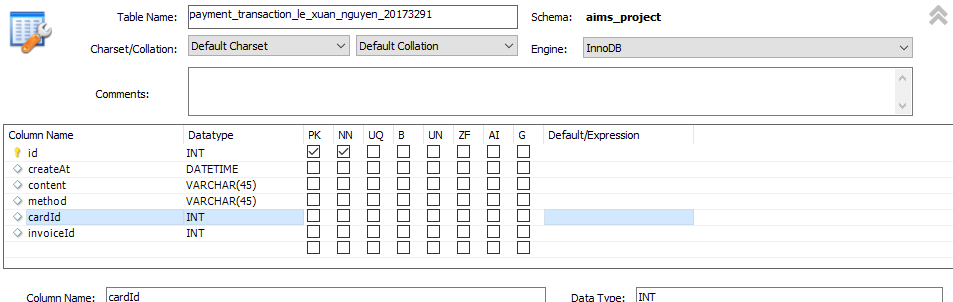
* **OrderMedia**

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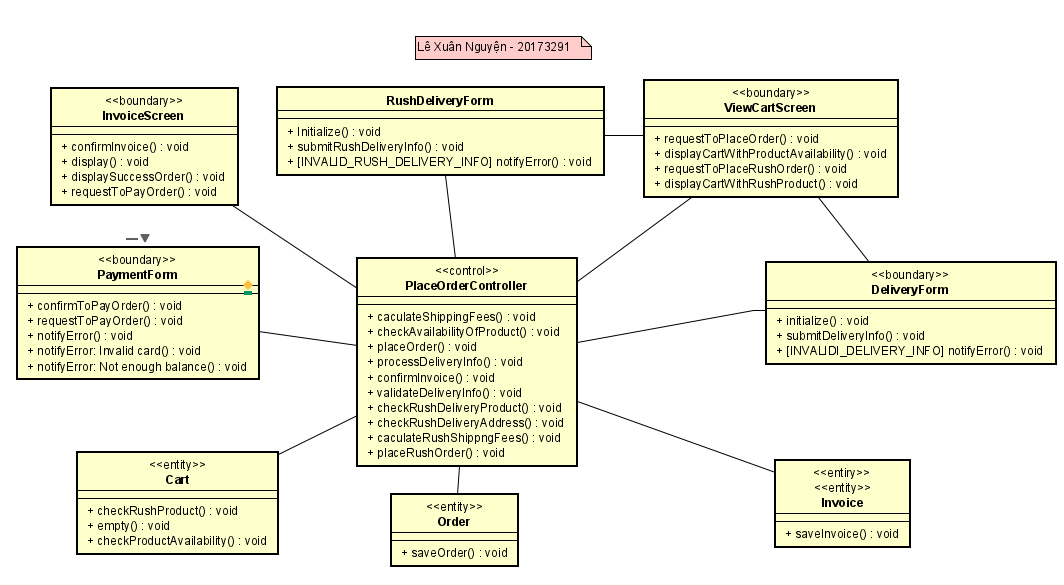
* **Invoice**

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* **PaymentTransaction**

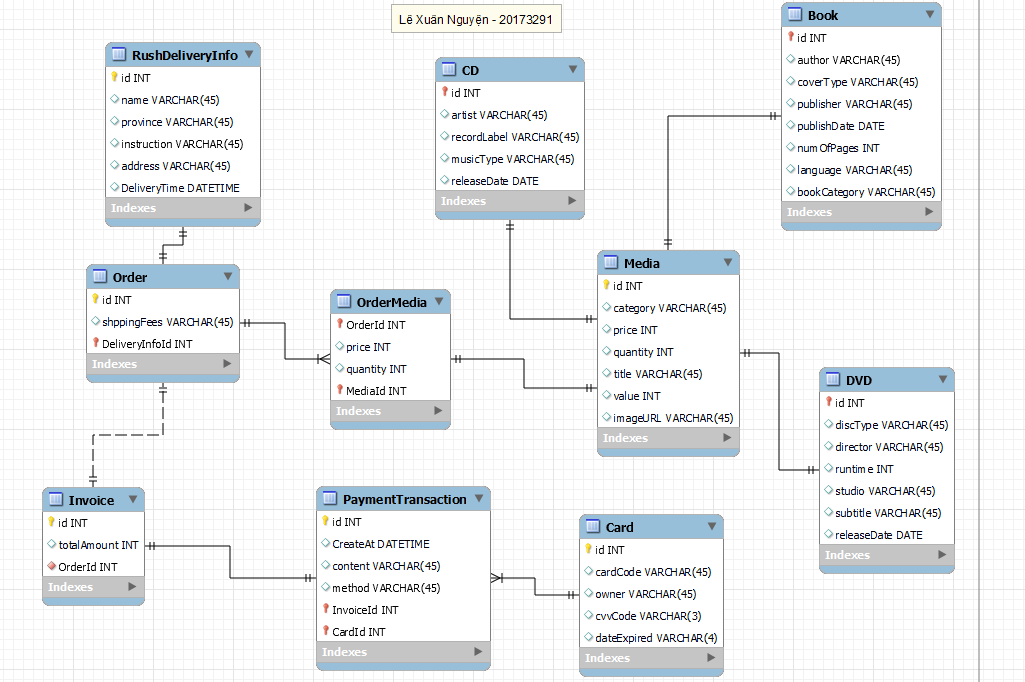
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1. **Bài tập**
2. **Thiết kế lớp**

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1. **Mô hình hóa dữ liệu**

**Sơ đồ ERD**

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