

**CAPSTONE PROJECT REPORT**

**Report 4 – Software Design Document**

**Team Coders**

– Ho Chi Minh, January 2024 –

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# I. Record of Changes

| **Date** | **A\* M, D** | **In charge** | **Change Description** |
| --- | --- | --- | --- |
| January 29, 2024 | A | Phan Hiếu Nghĩa | Add section 1 and 2 |
| February 16, 2024 | A | Võ Thanh Tuyền | Add section 3 |
| February 21, 2024 | M | Võ Thanh Tuyền | Modified section 3.2 |
| March 01, 2024 | A | Võ Thanh Tuyền | Add section 3.3 |
| March 08, 2024 | M | Võ Thanh Tuyền | Modified section 3.3 |
| March 09, 2024 | M, A | Võ Thanh Tuyền | Modified section 1 and 2 (update Database)  Add section 3.4 |
| March 12, 2024 | M | Võ Thanh Tuyền | Modified section 3.4 |
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\*A - Added M - Modified D - Deleted

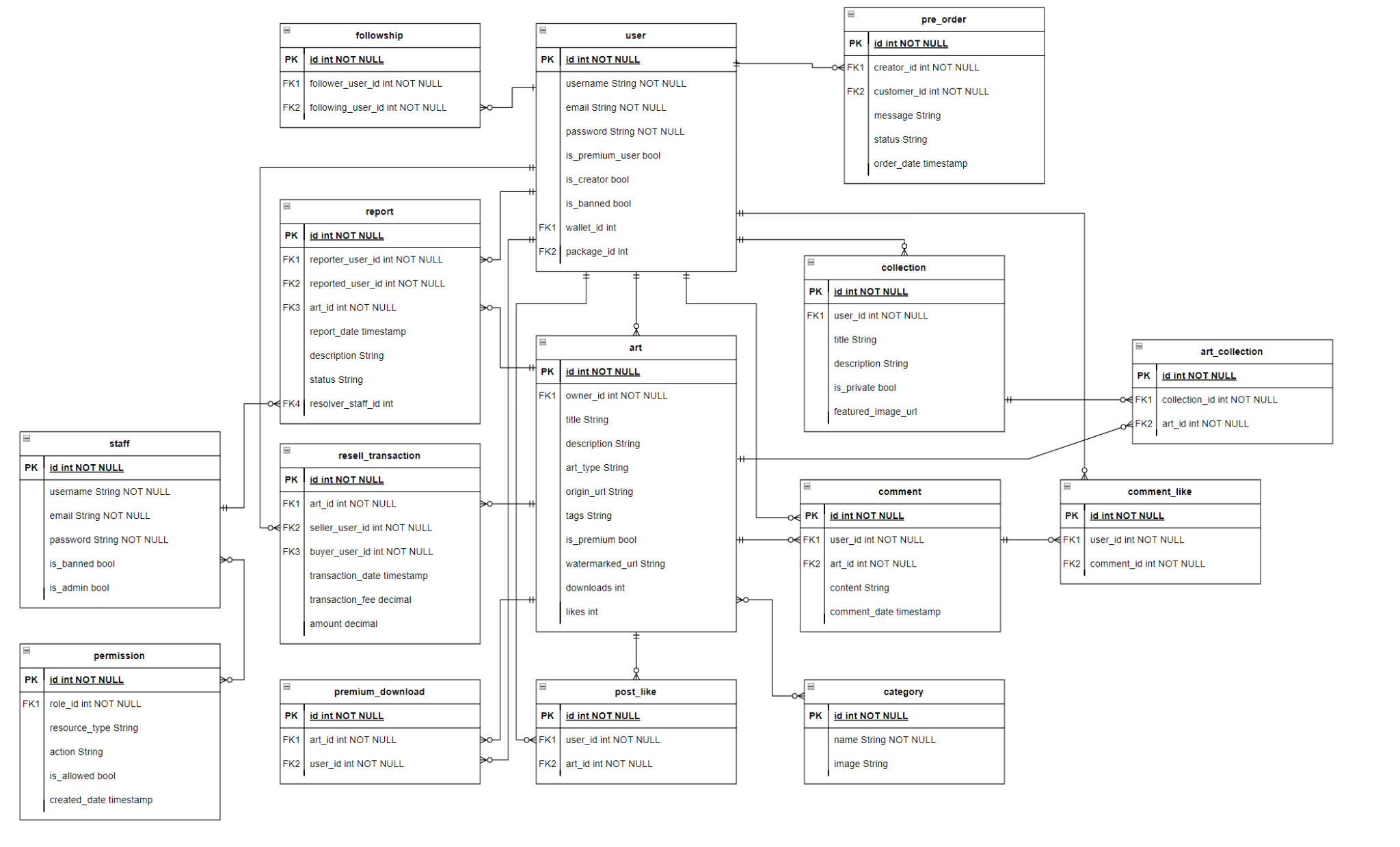
# II. Software Design Document

## 1. System Design

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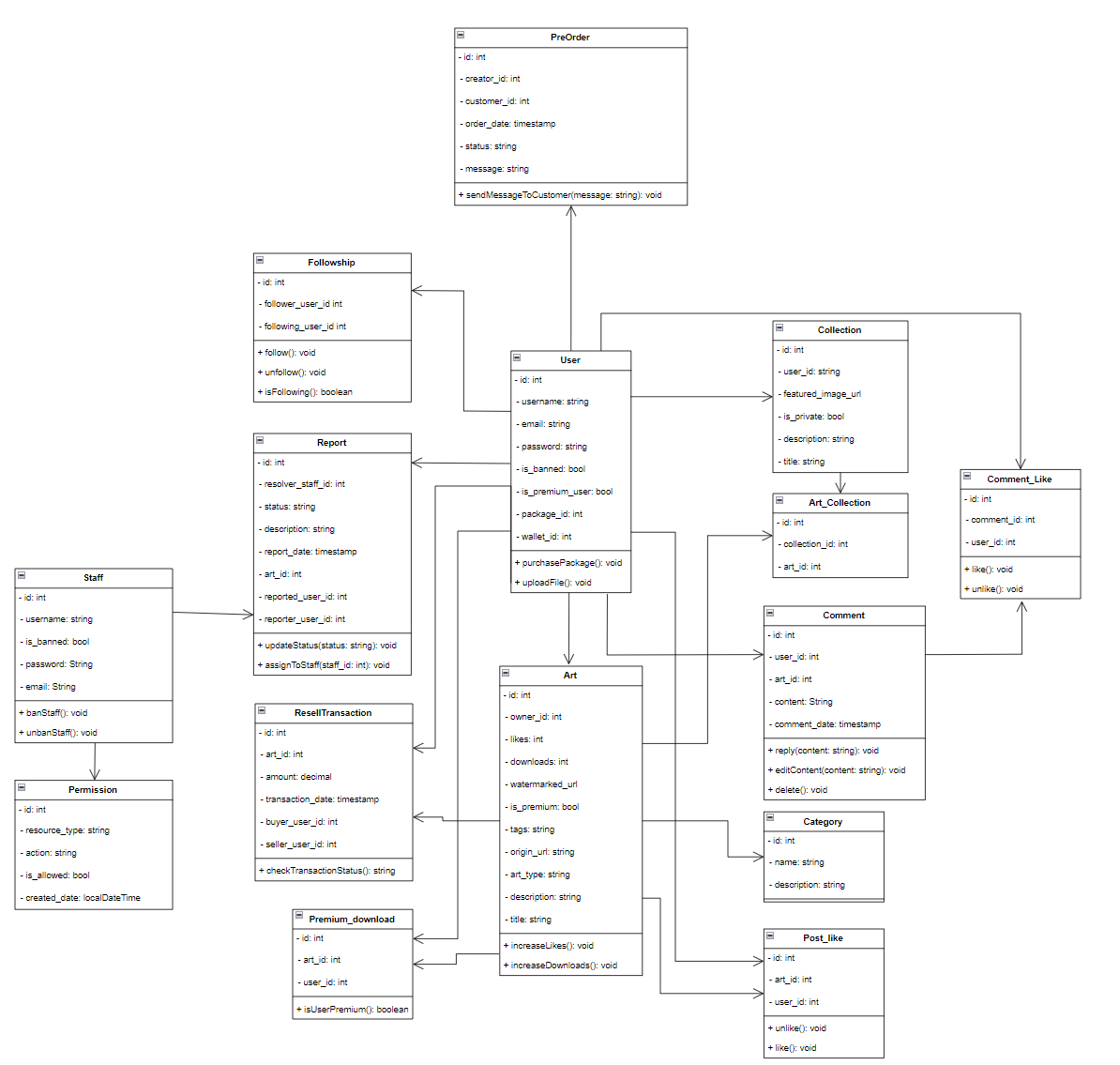


## 2. Database Design



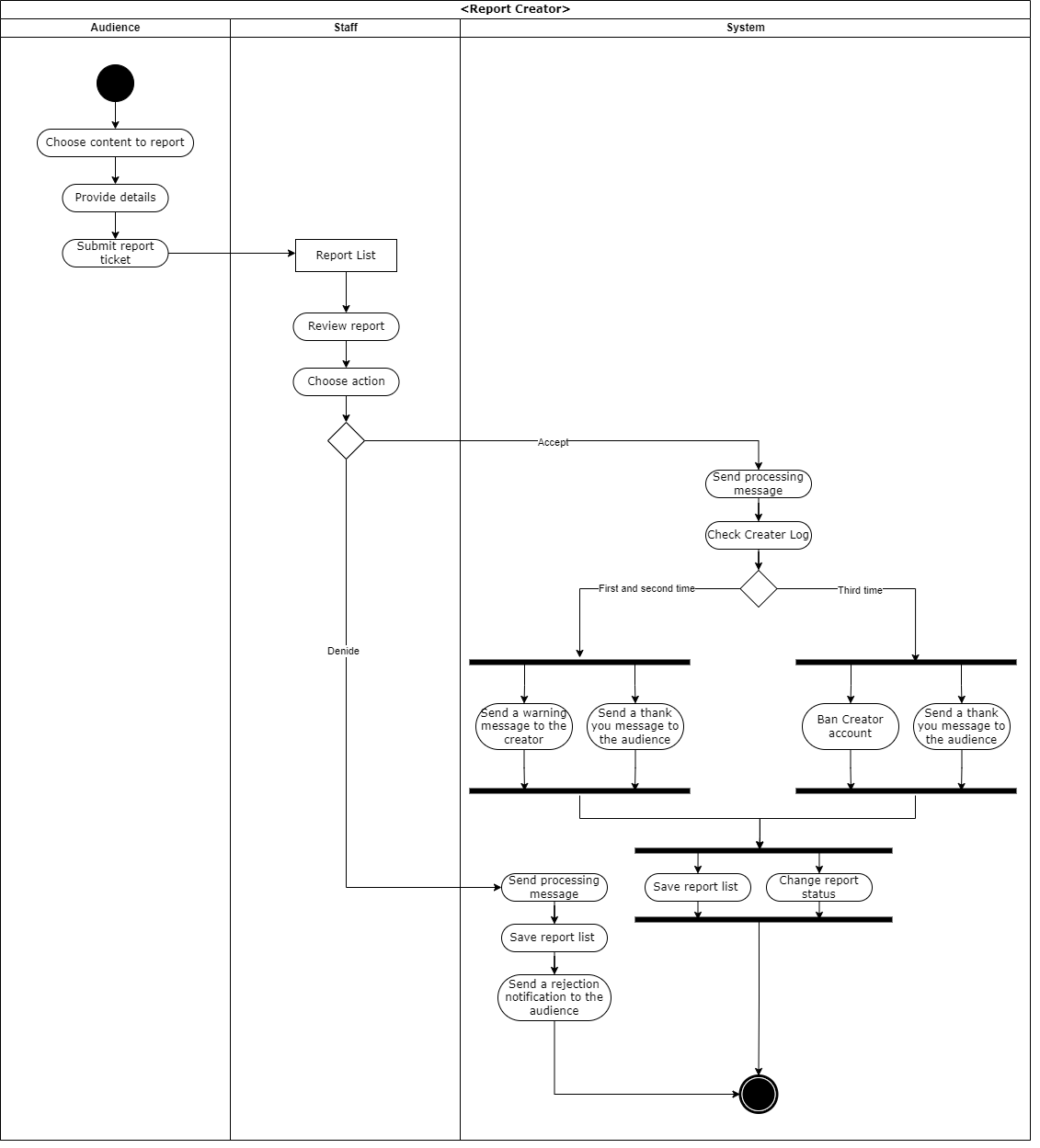
## 3. Detailed Design

### 3.1 Class Diagram

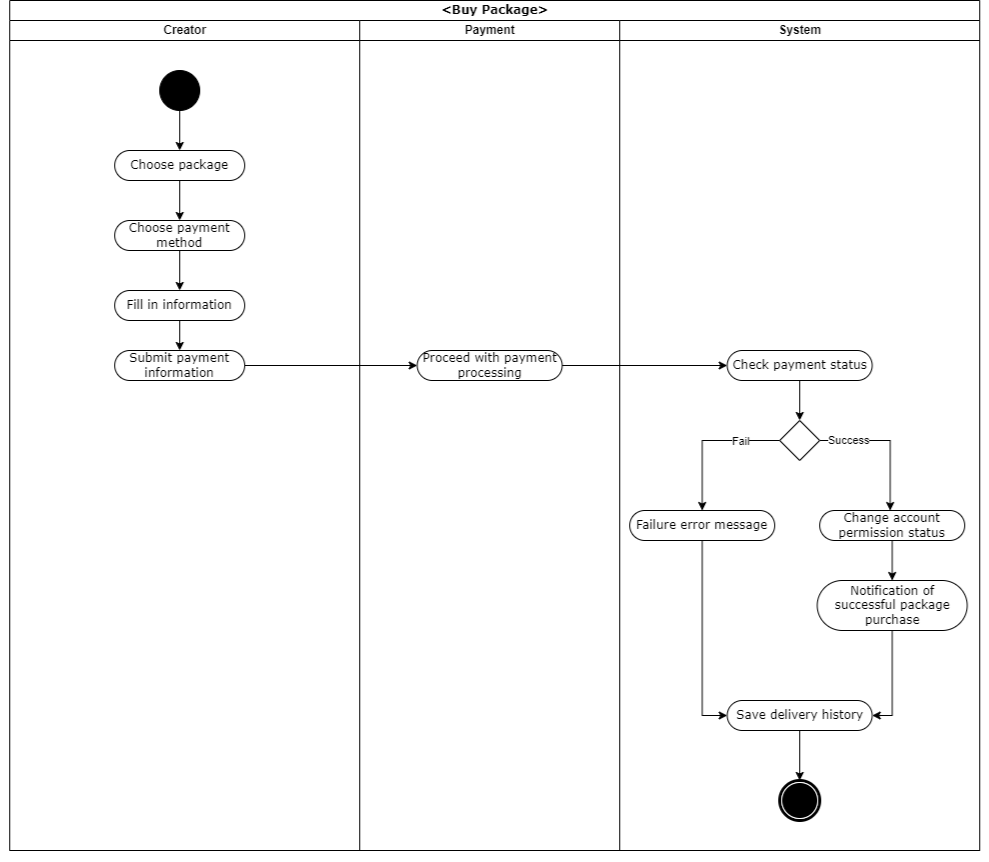
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### 3.2 Activity Diagram

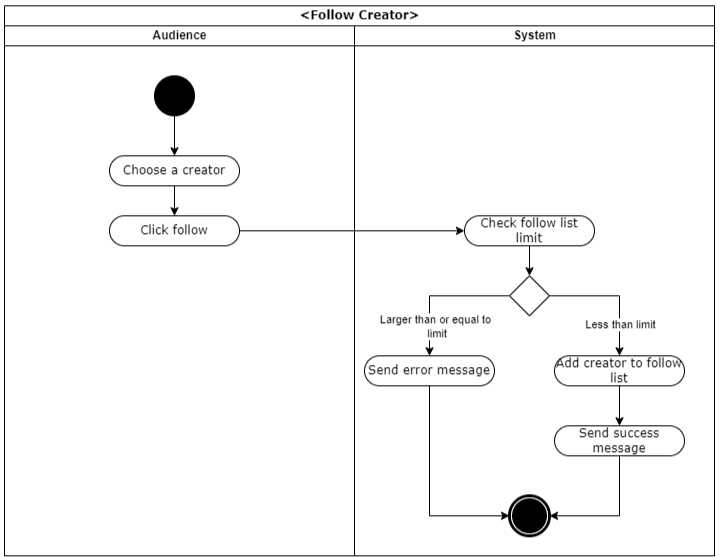
#### 3.2.1 Report Creator



#### 3.2.2 Buy Package

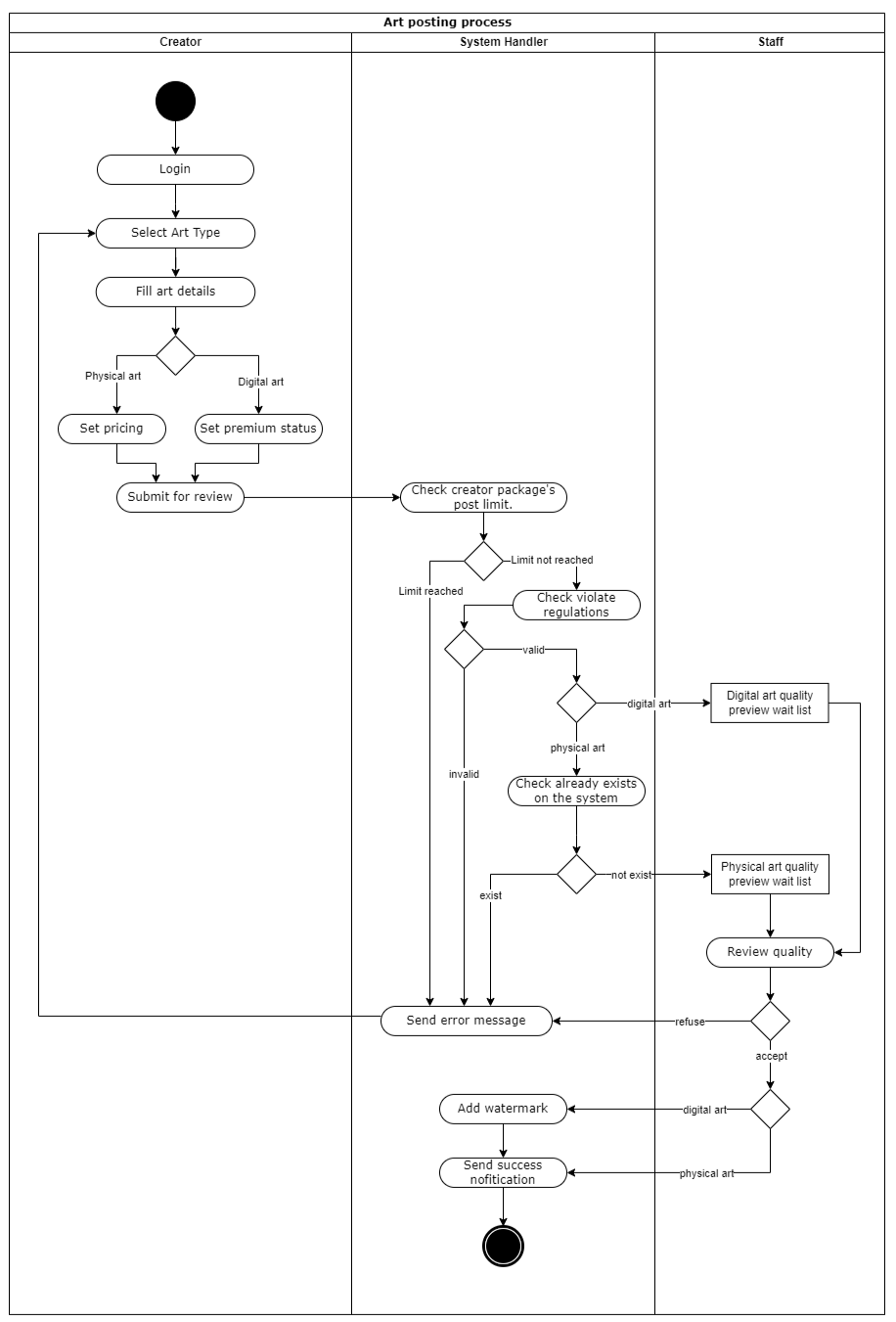


#### 3.2.3 Follow Creator

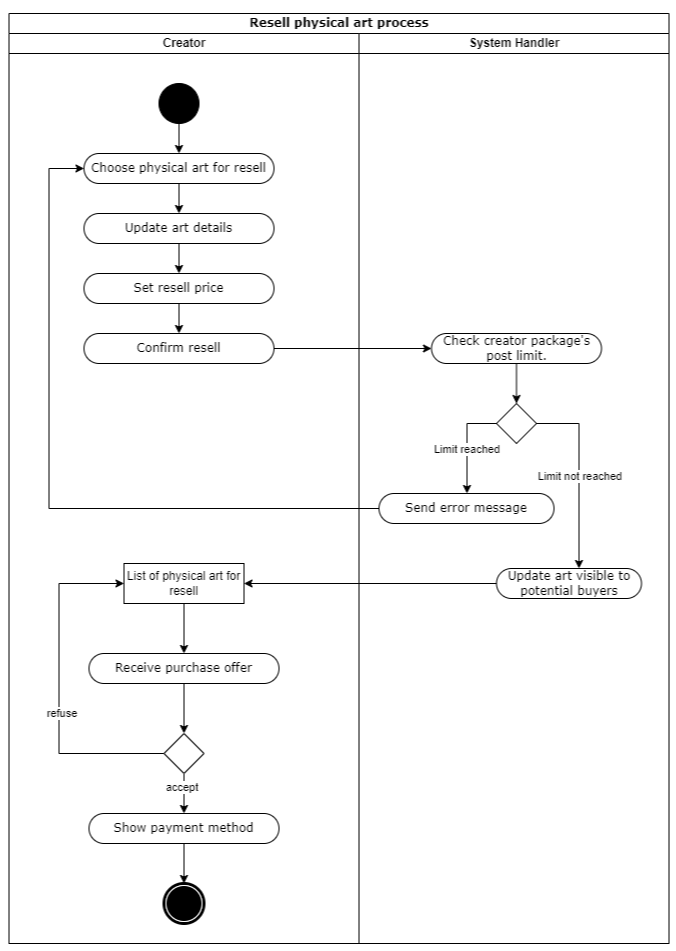


#### 3.2.4 PreOrder Physical Art

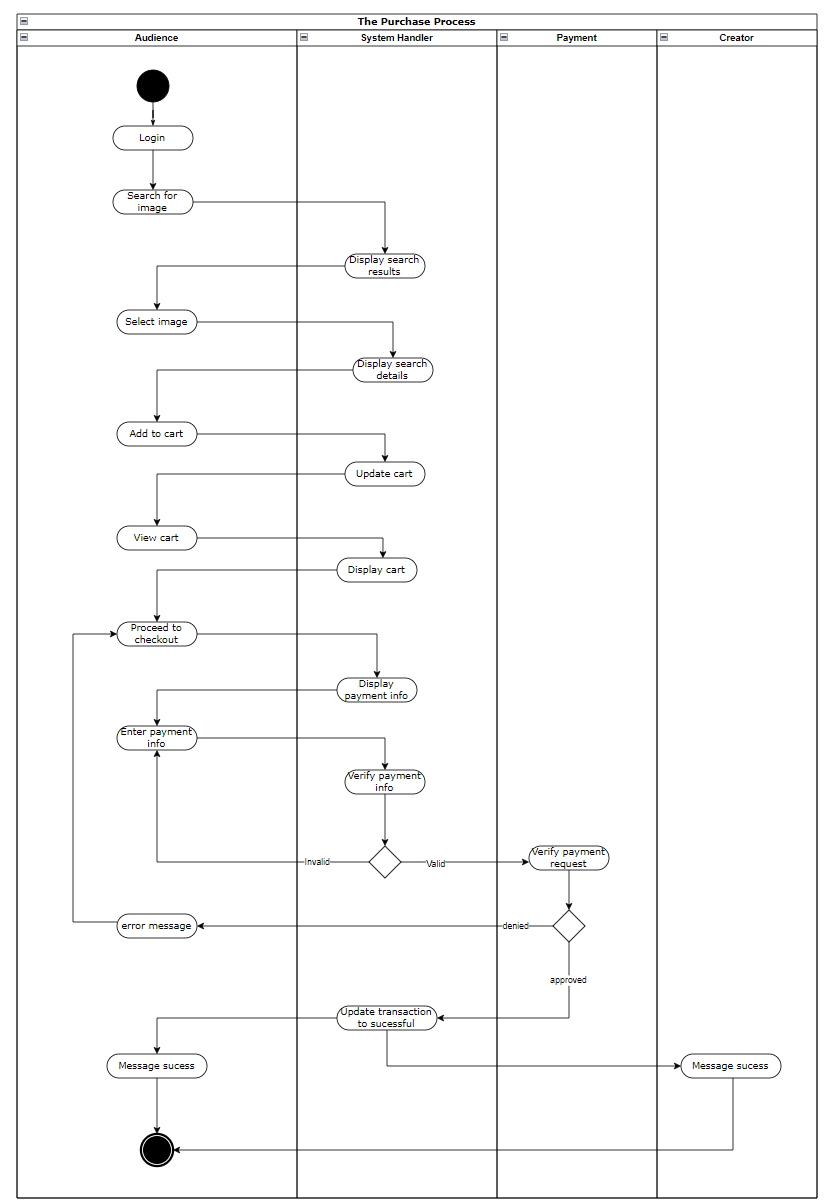
#### 3.2.5 Art Posting Process



#### 3.2.6 Resell Physical Art Process

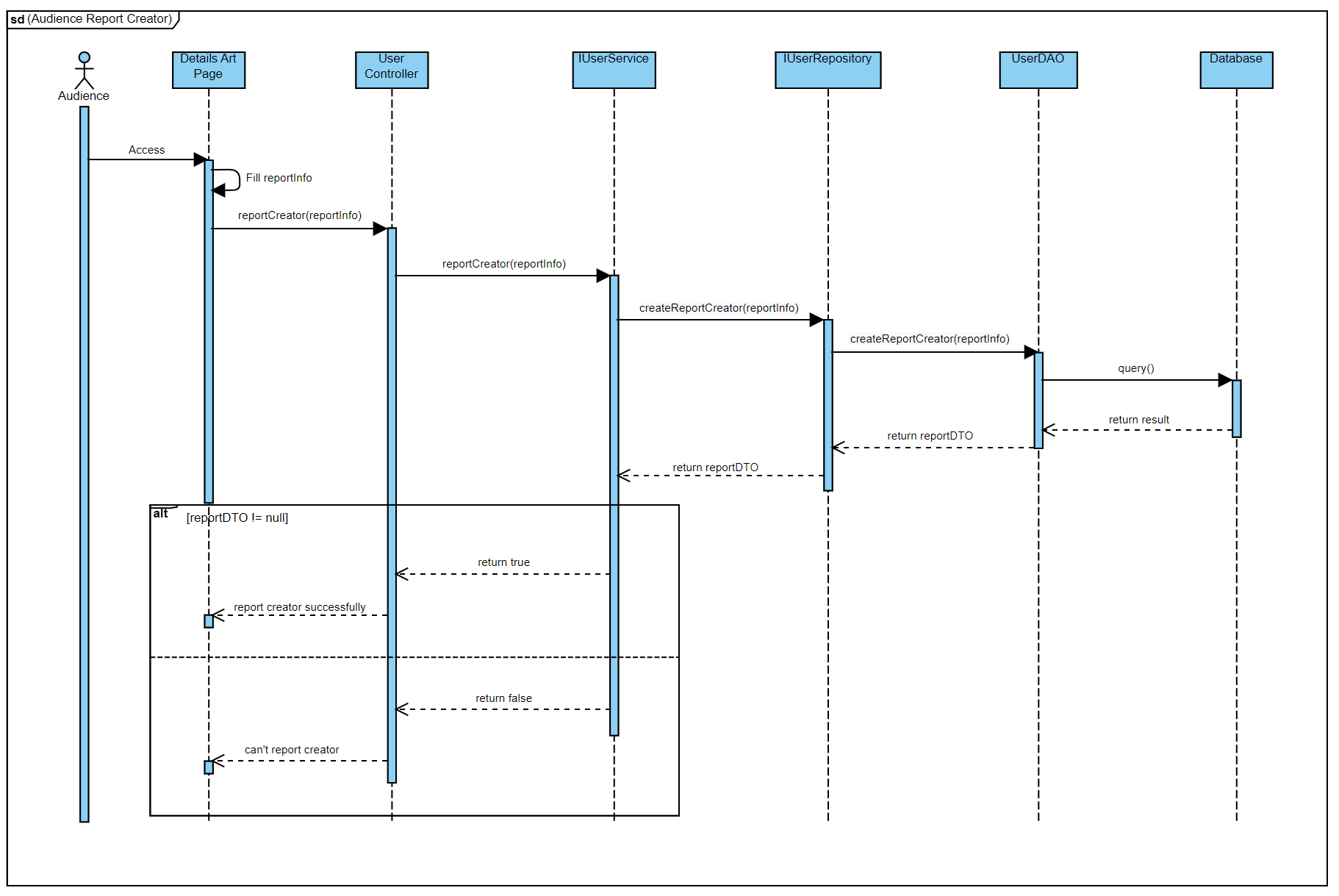


#### 3.2.7 Purchase Process

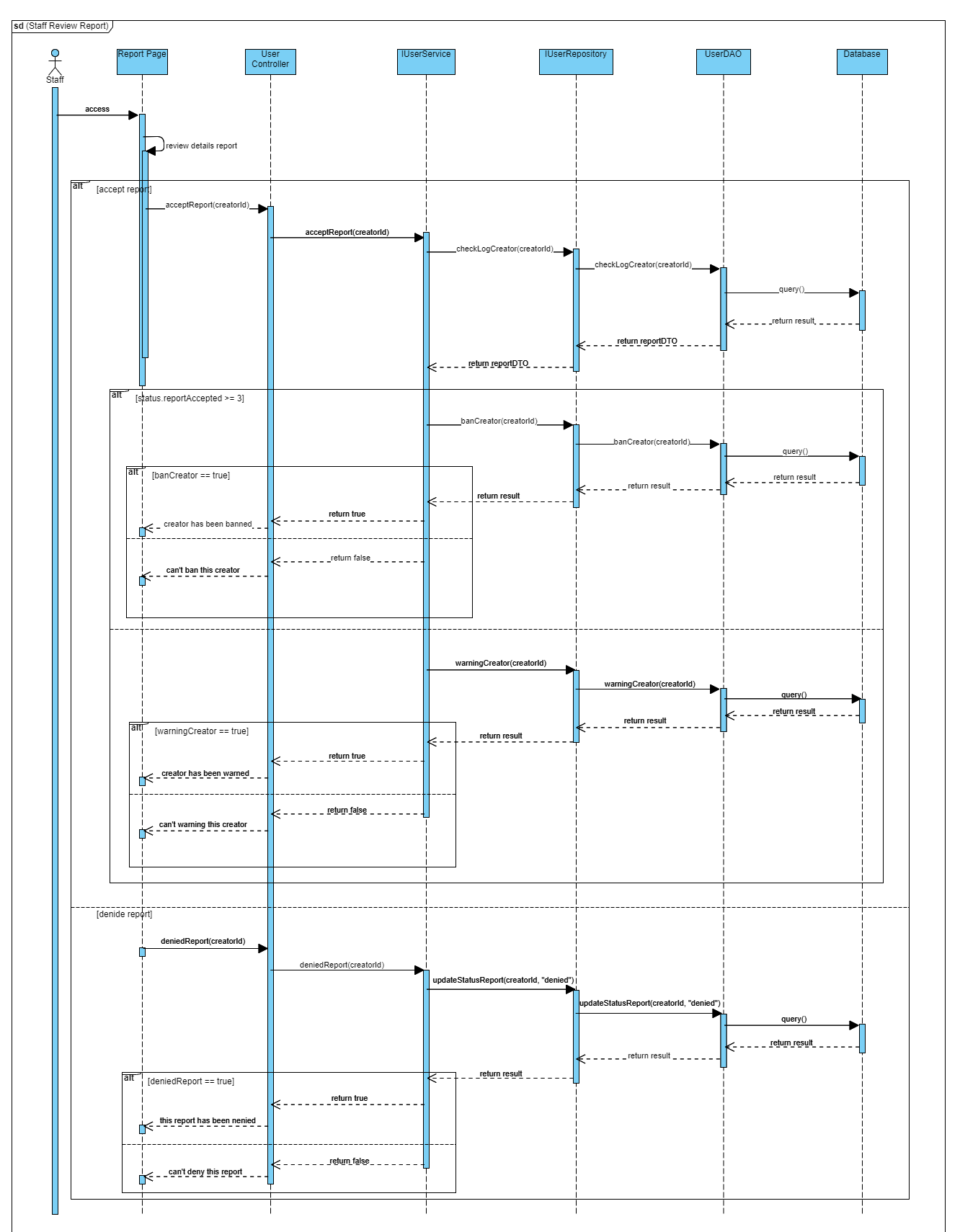


### 3.3 Sequence Diagram

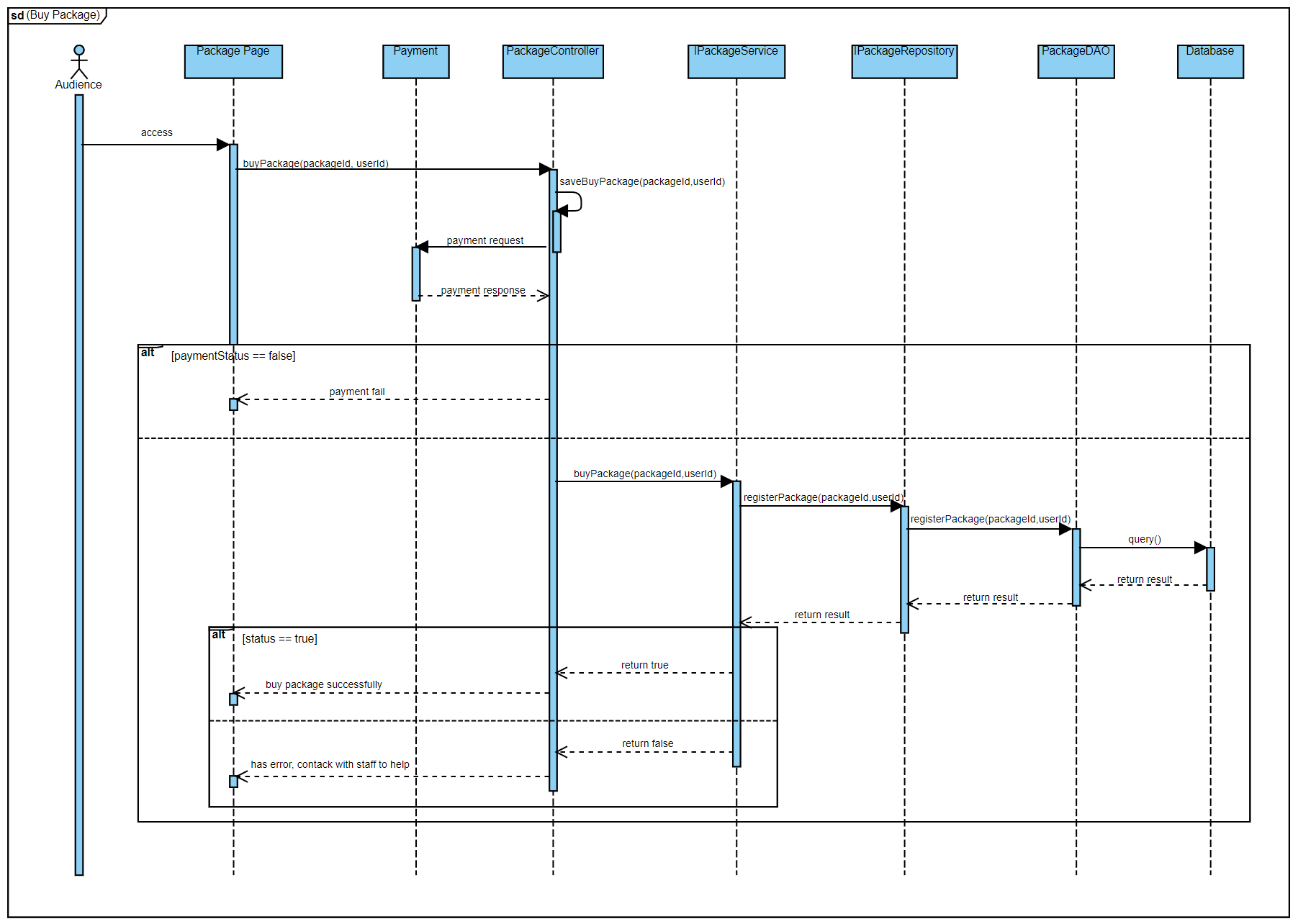
#### 3.3.1 Audience Report Creator



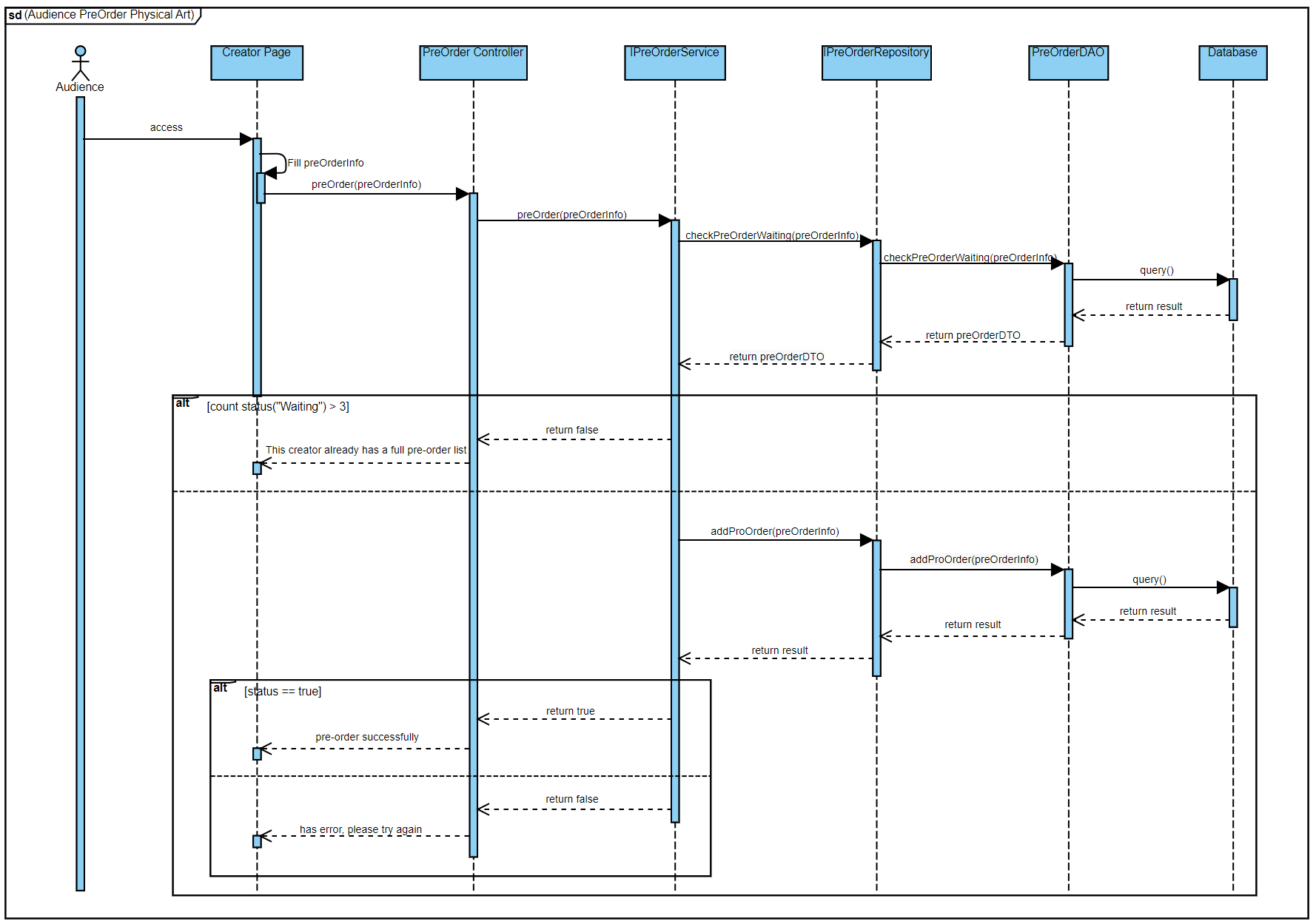
#### 3.3.2 Staff Review Report



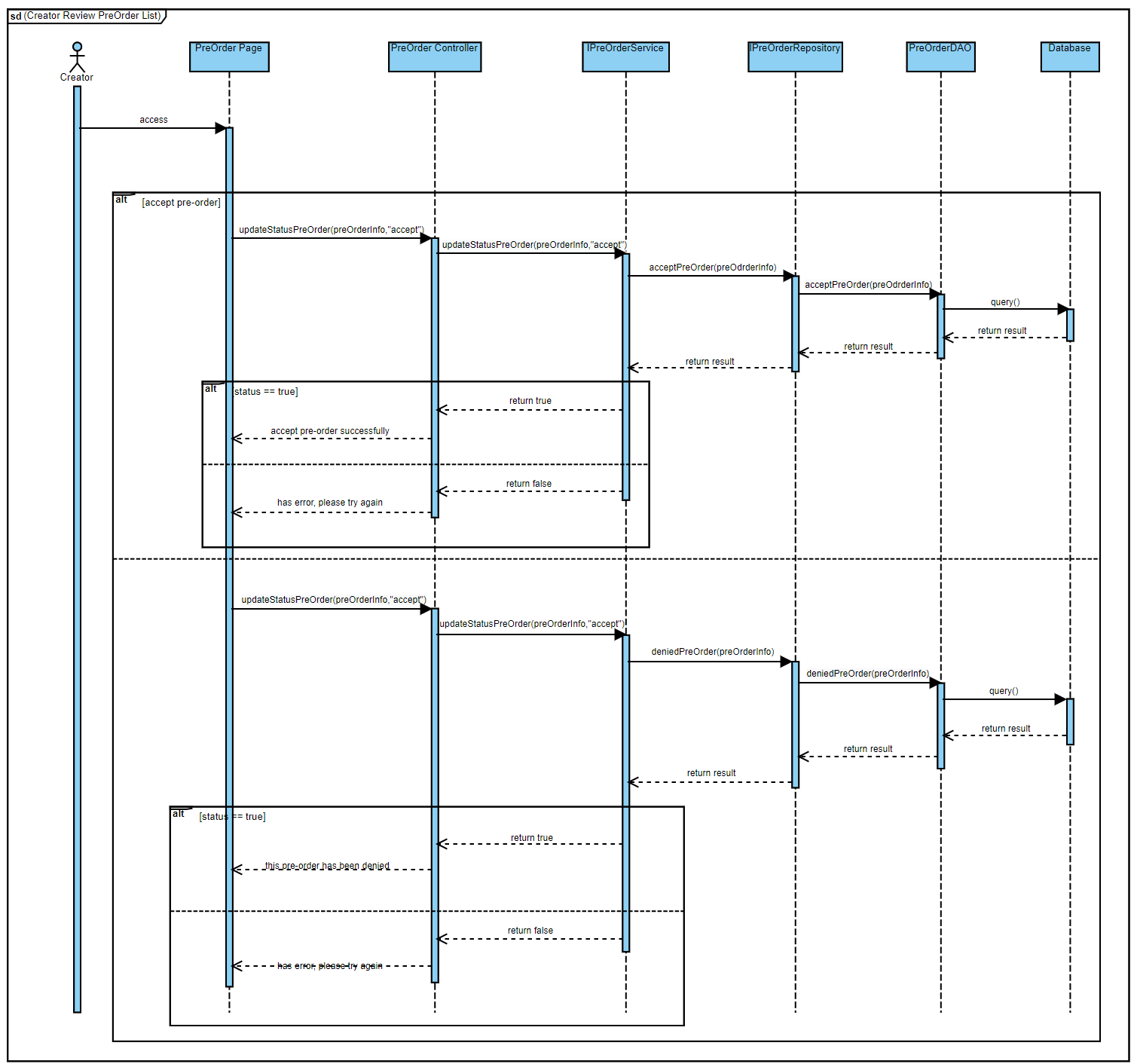
#### 3.3.3 Buy Package



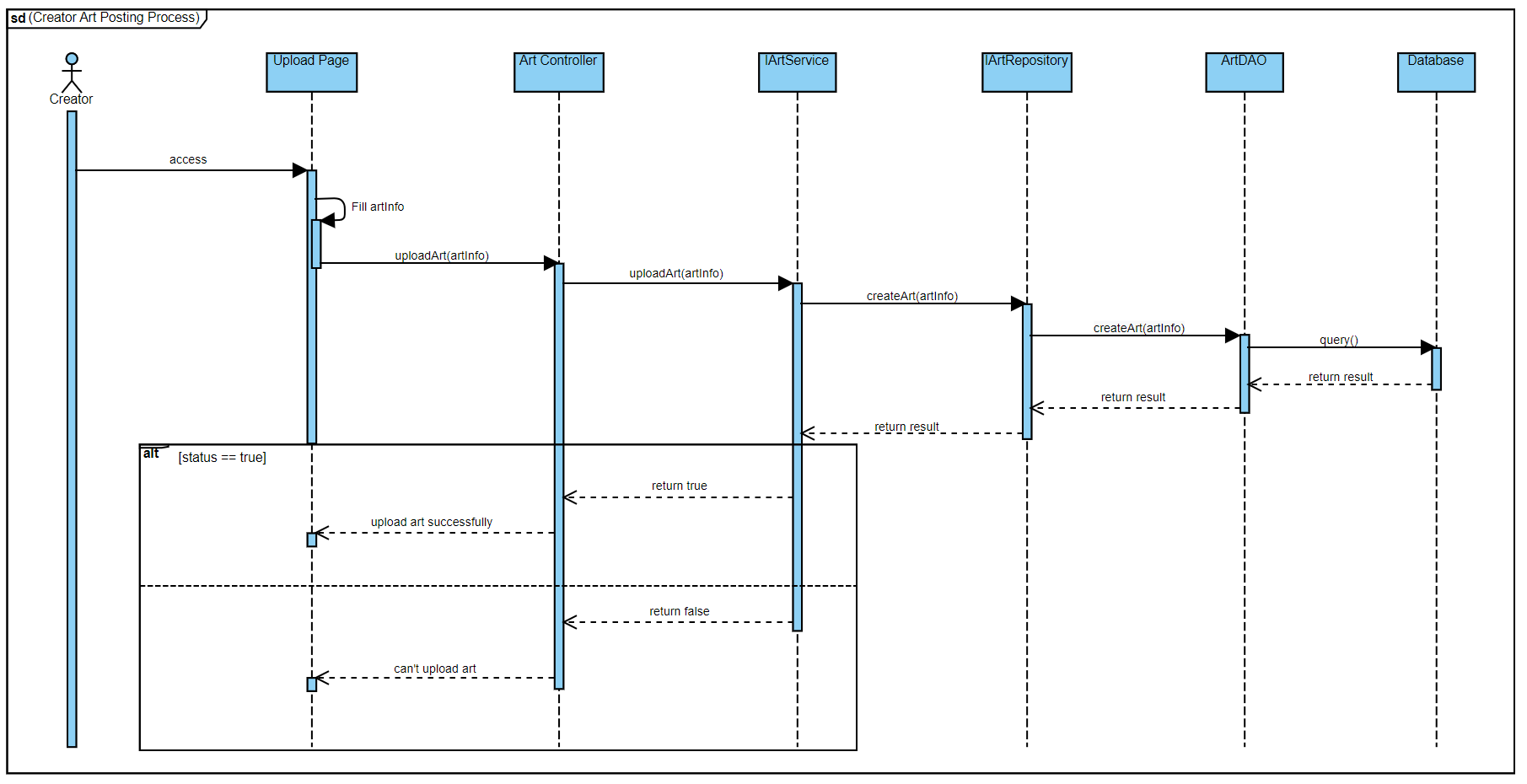
#### 3.3.4 Audience PreOrder Physical Art



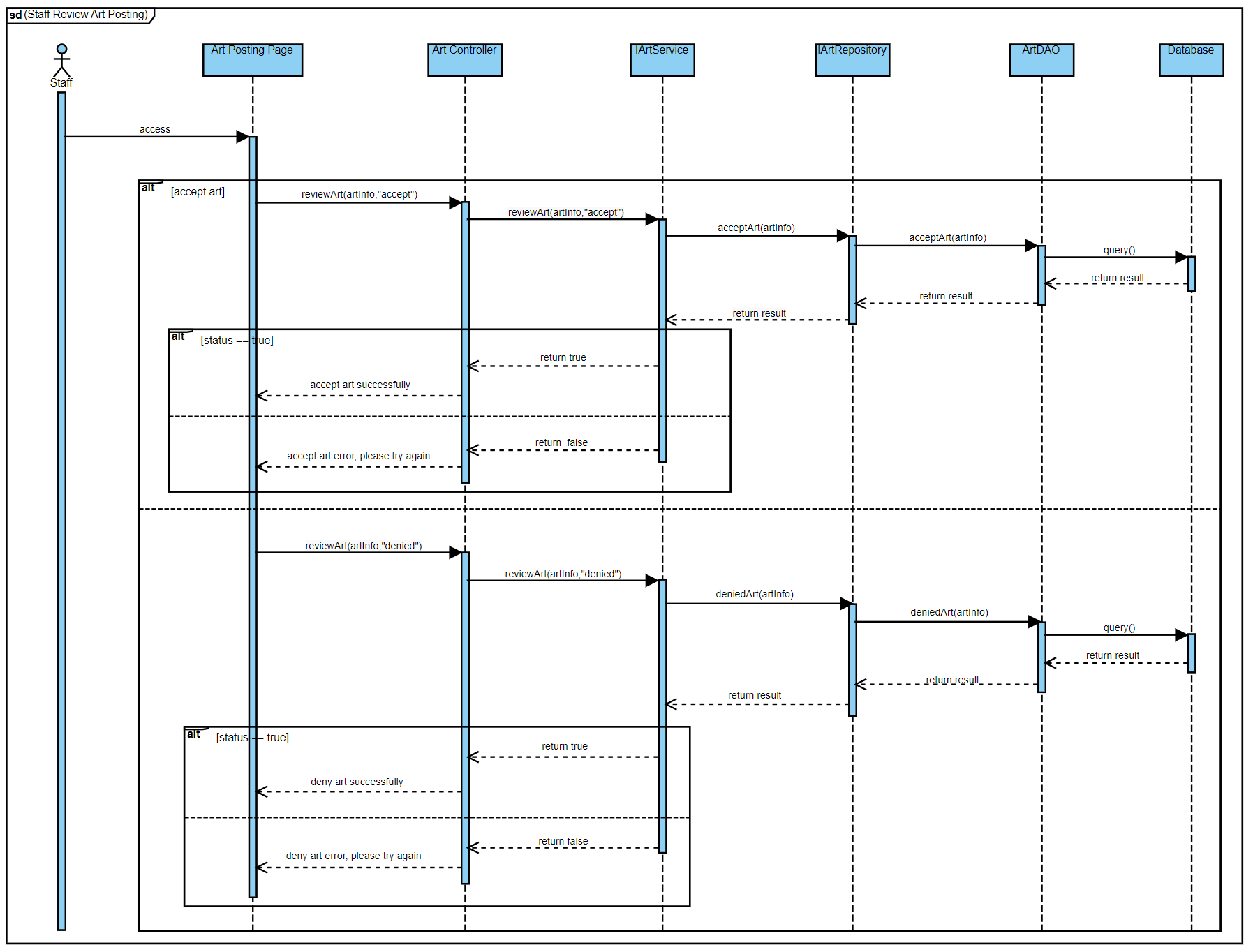
#### 3.3.5 Creator Review ProOrder



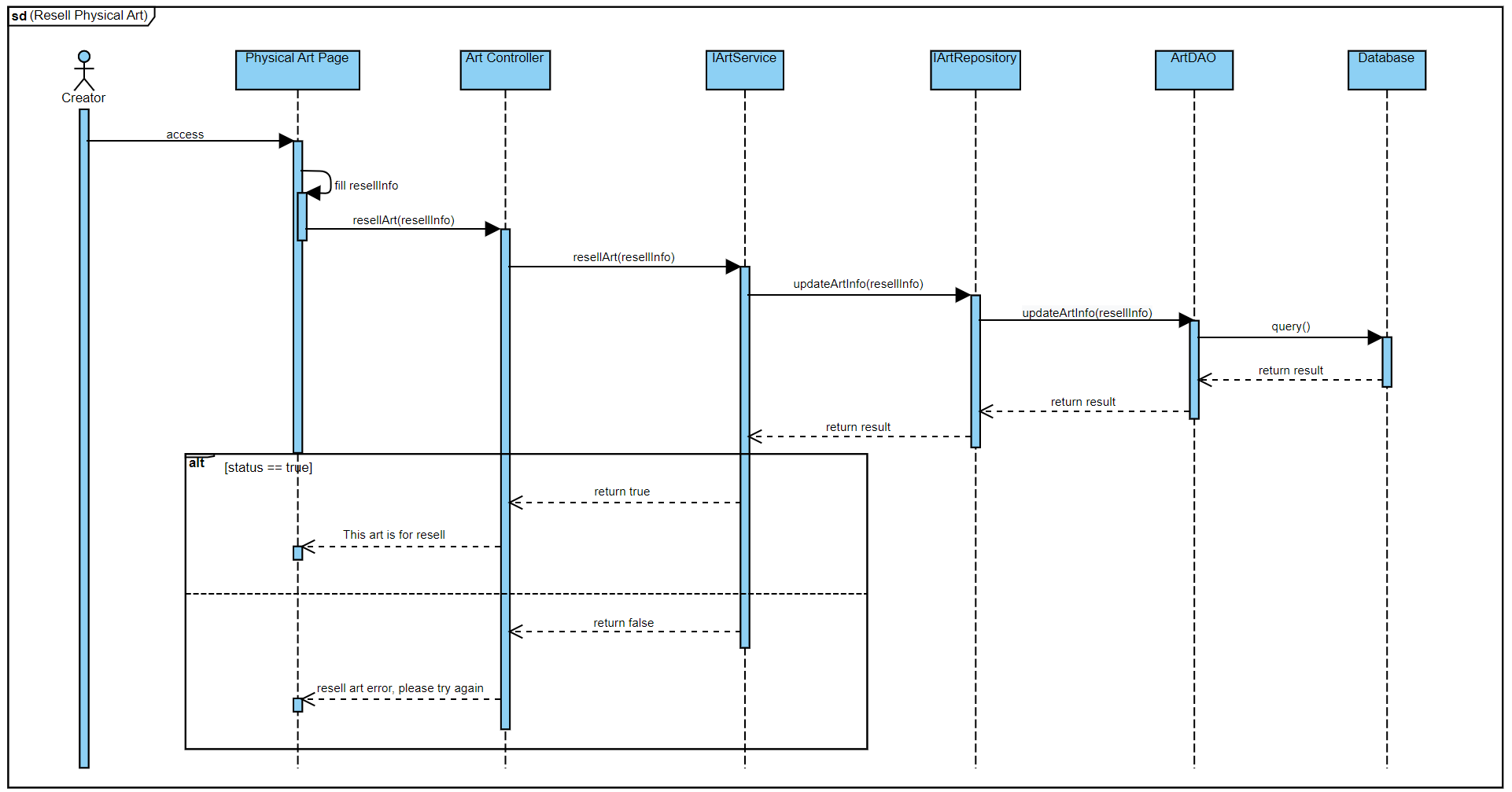
#### 3.3.6 Creator Art Posting Process



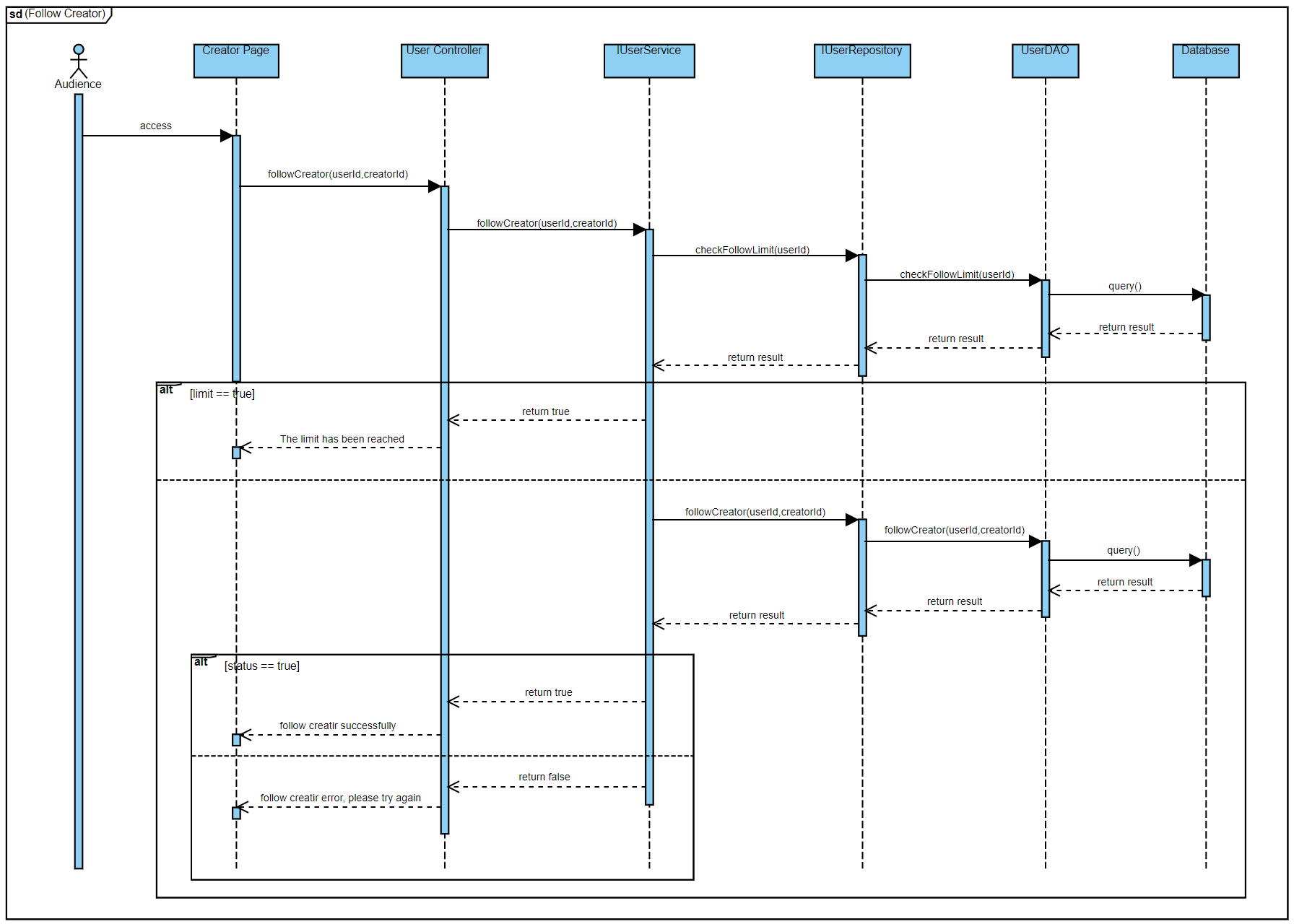
#### 3.3.7 Staff Review Art Posting



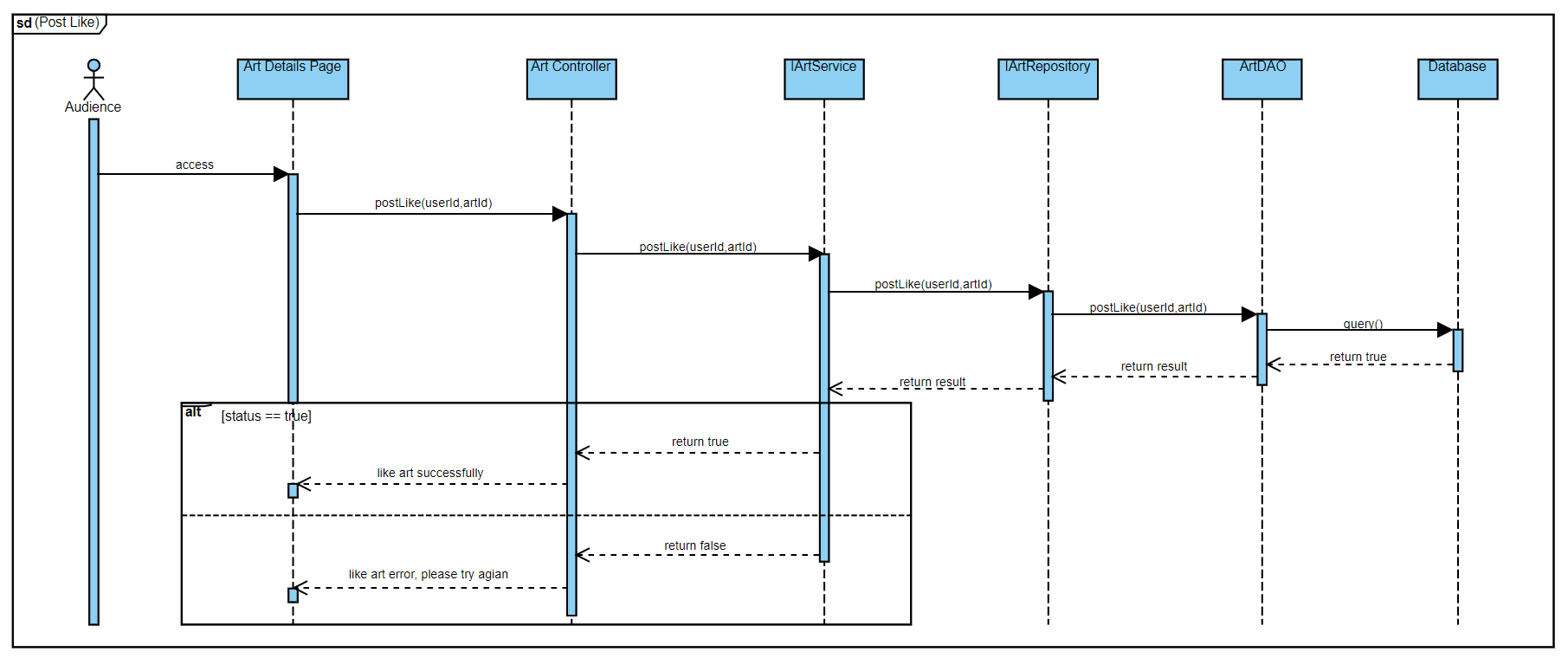
#### 3.3.8 *Resell Physical Art Process*



#### 3.3.9 Follow Creator

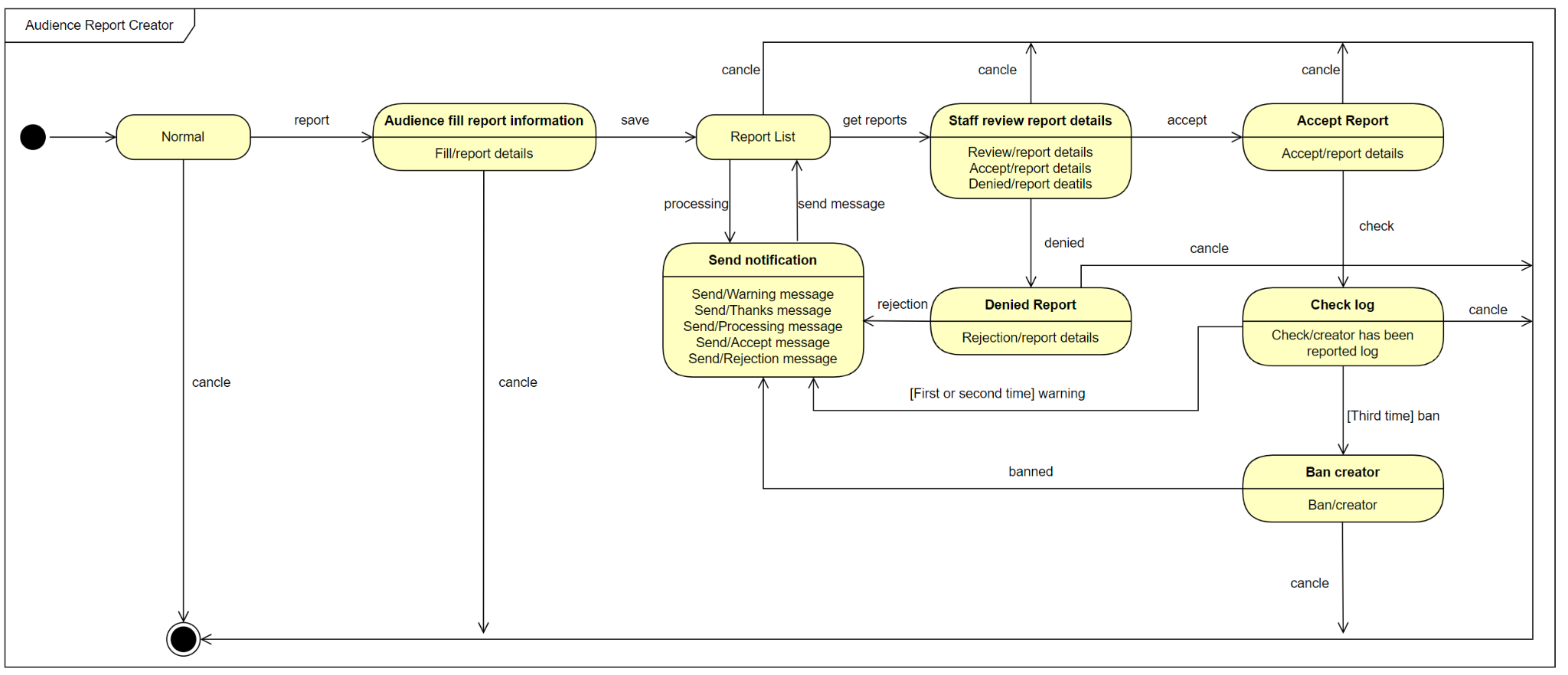


#### 3.3.10 Post Like

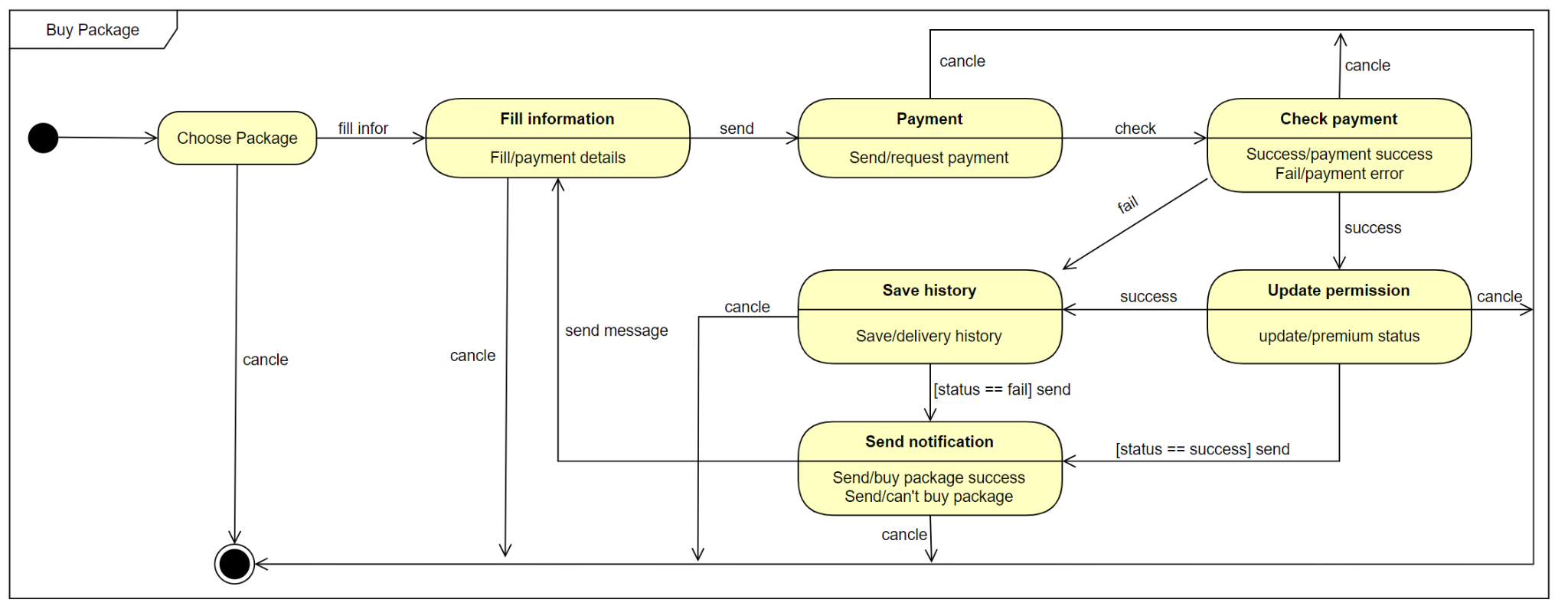


### 3.4 State Diagram

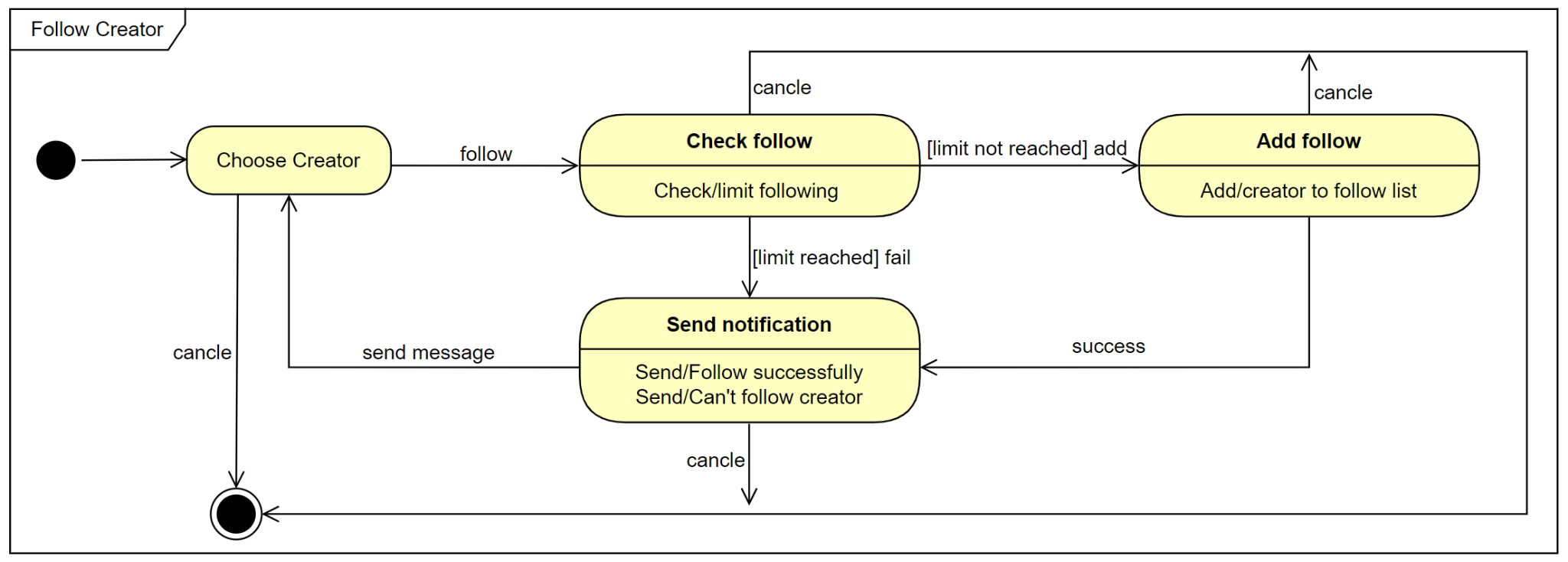
#### 3.4.1 Audience Report Creator



#### 3.4.2 Buy Package



#### 3.4.3 Follow Creator



#### 3.4.4 PreOrder Physical Art

