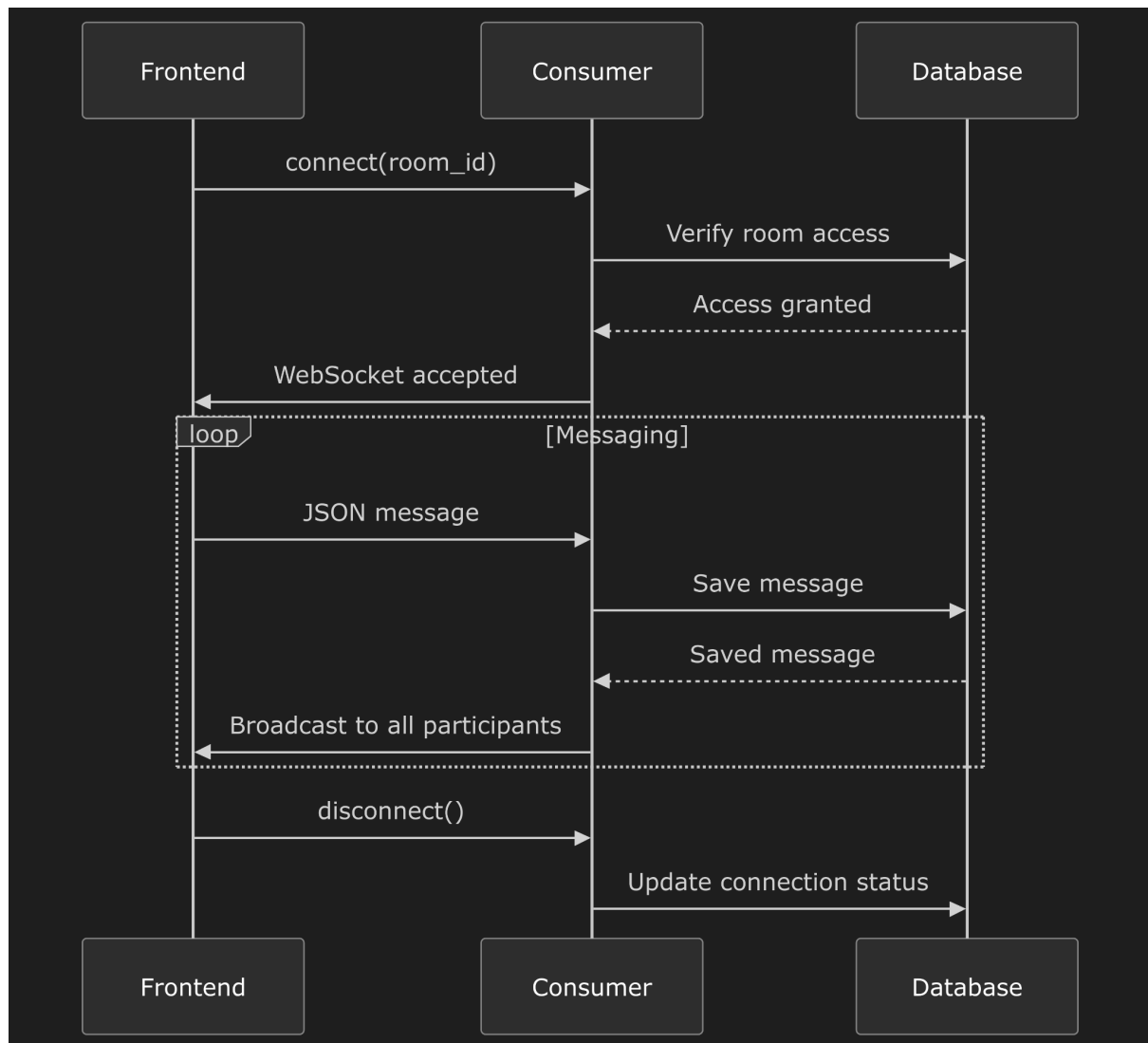
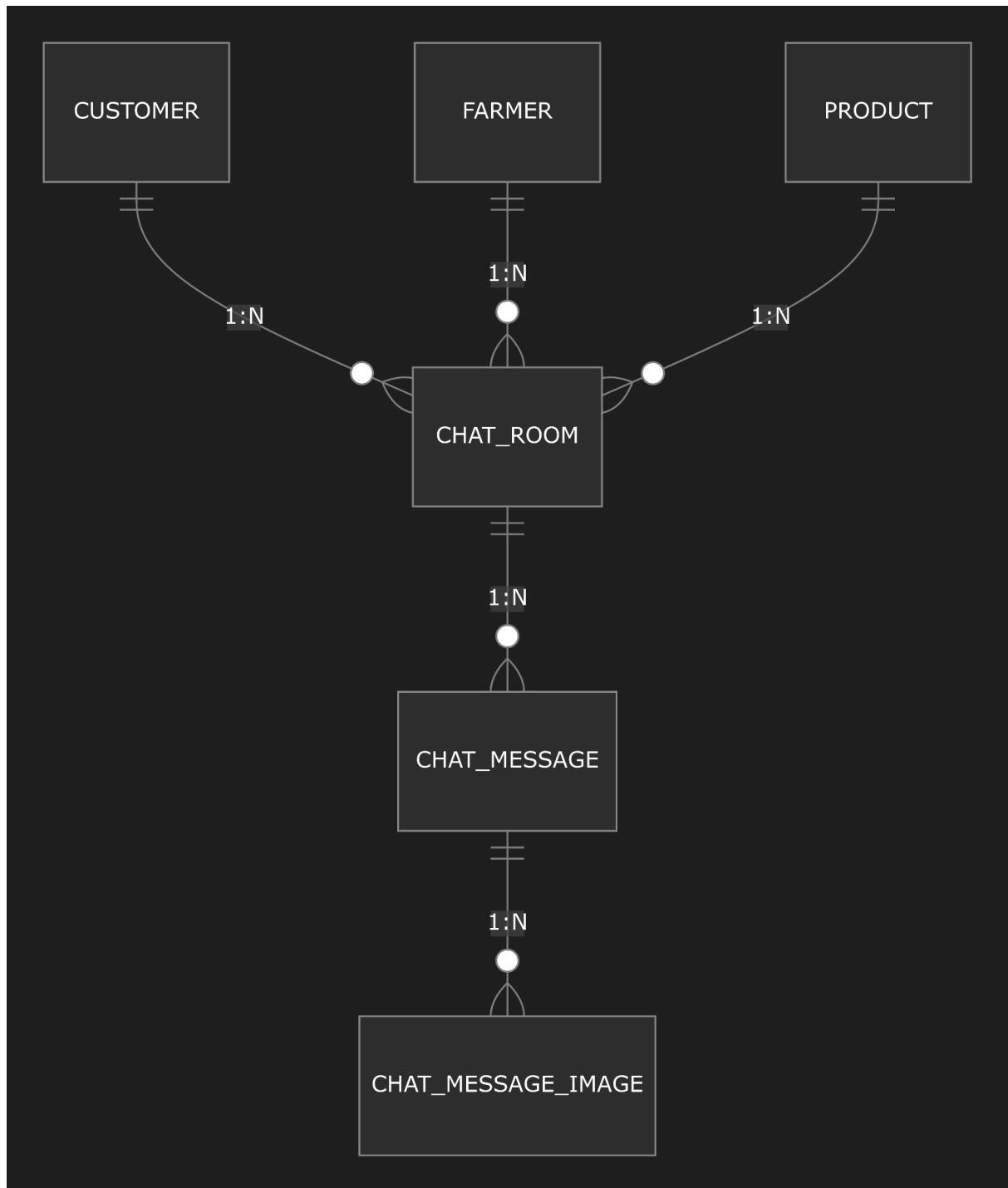


Let me break down the complete chat system architecture with all requested details:



Database Schema Relationships



Example API/WebSocket Payloads

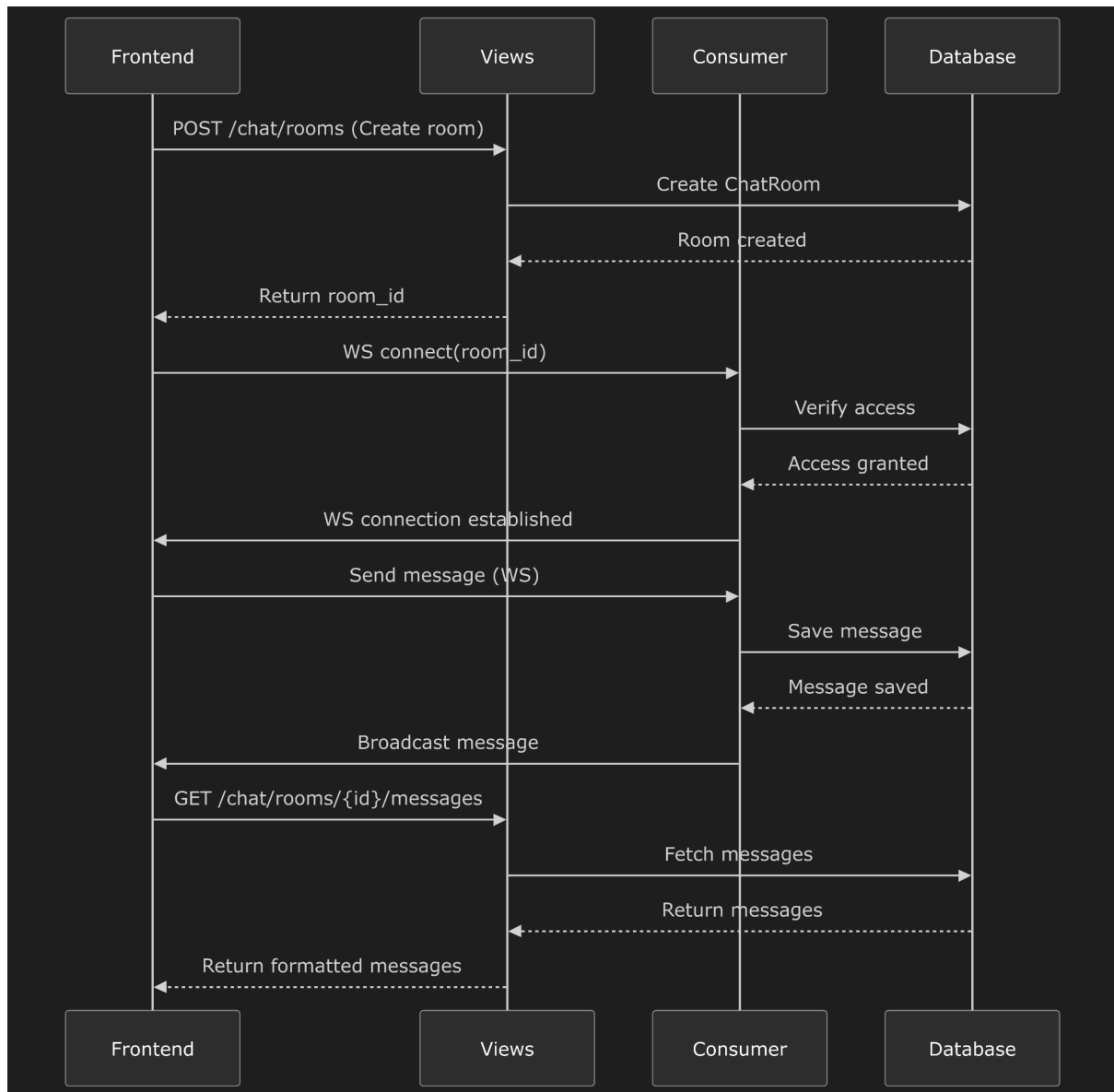
HTTP API (Room Creation):

```
{  
  "customer": 123,  
  "farmer": 456,  
  "product": 789,  
  "quantity": 2,  
  "is_post_checkout": true  
}
```

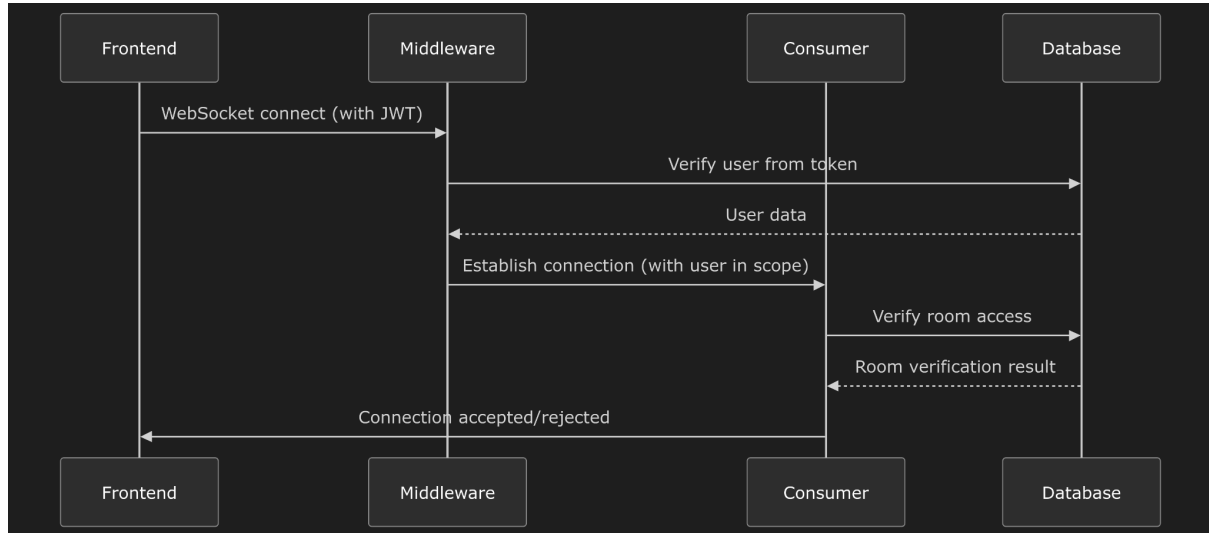
WebSocket Message:

```
{  
  "type": "message",  
  "message": "Hello! I've purchased 2 units",  
  "sender_id": 123,  
  "timestamp": "2025-04-06T10:15:30Z",  
  "images": ["/media/chat_images/img1.jpg"]  
}
```

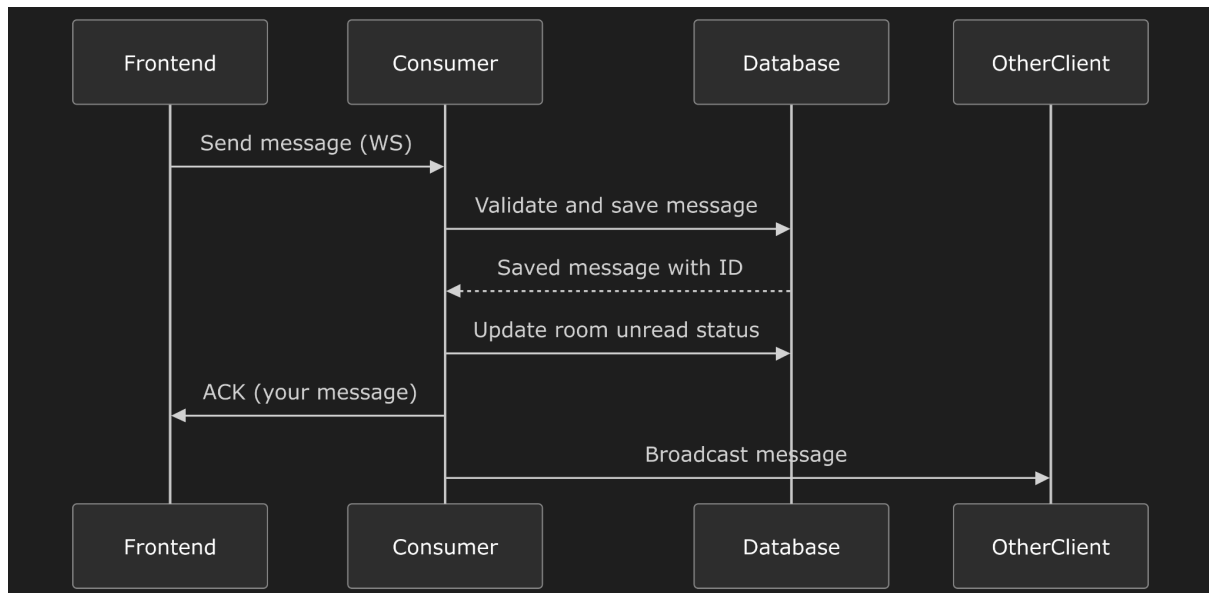
Complete Request Lifecycle



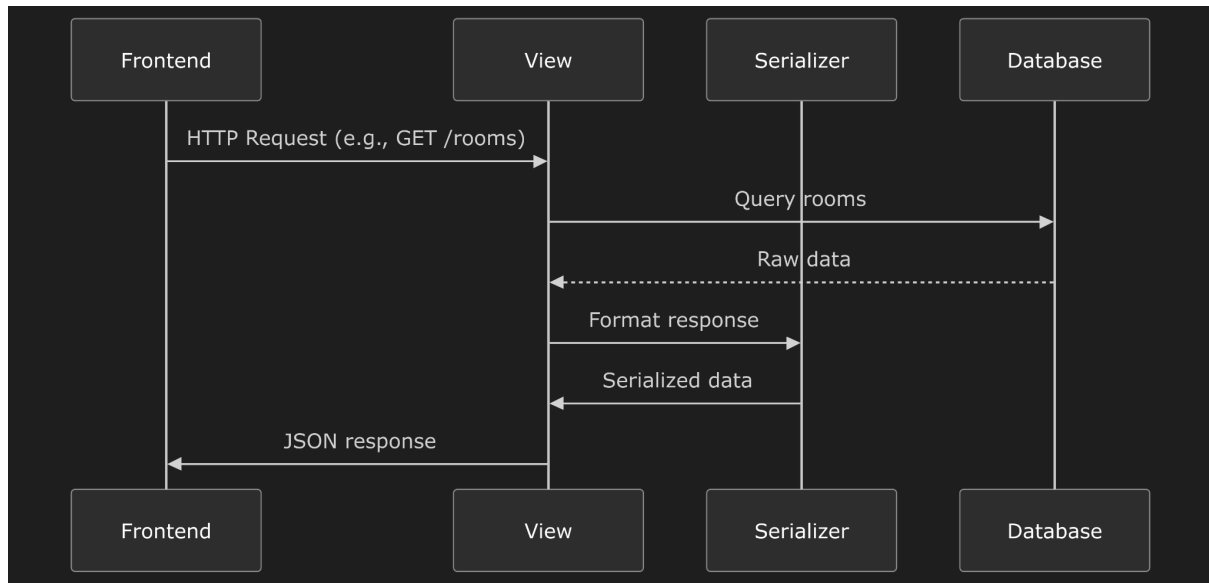
Initial Connection Flow



Message Sending Flow



HTTP API Interaction



Real-time Updates Flow

