

Digital Zoo Project - Week 4

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Project Overview


- **Main Task:**

In Week 4, we focused on enhancing functionality and improving the user experience of our zoo management system.

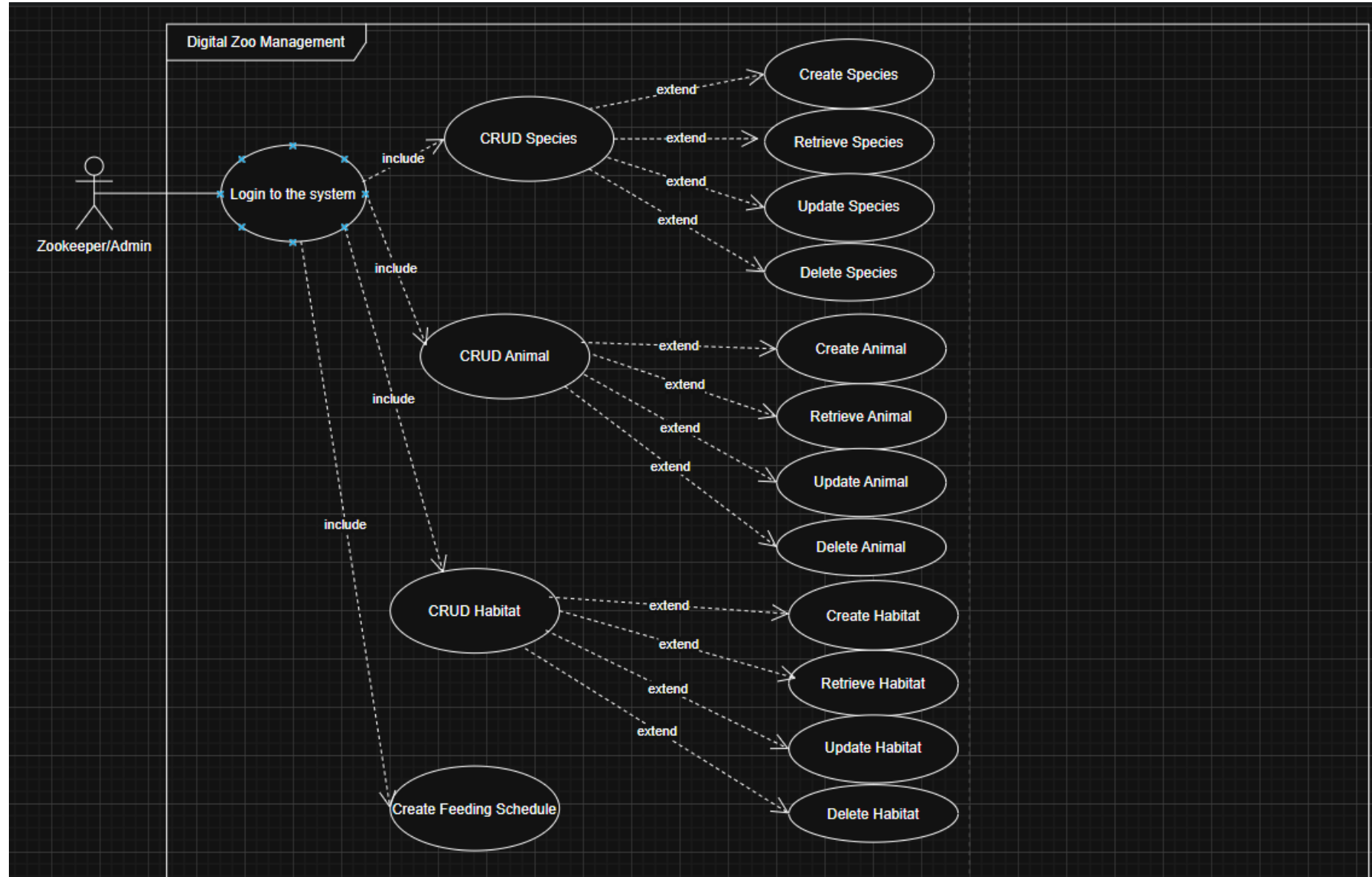
- **Week 4 Objective:**

- Add multiple memberships and assign each tier benefits
- Create methods to add visitors as members, renew memberships and add member exclusive features
- Create special events and make members receive an invitation
- Create event logistics

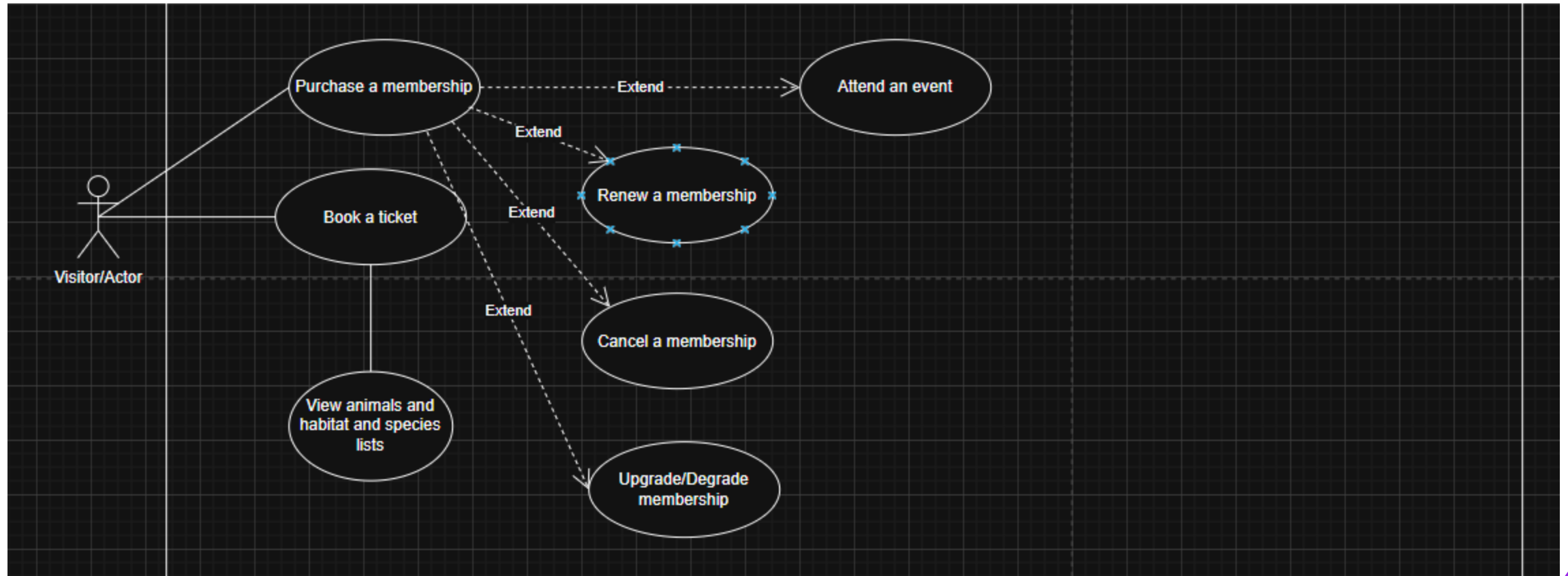
Features:

- Authentication & Login System
 - Membership System (Tiers & Registration)
 - Event Management & Ticket Booking
 - We replaced token-based authentication with a Zookeeper login system.
 - Zookeepers can now log in with credentials stored in a database.
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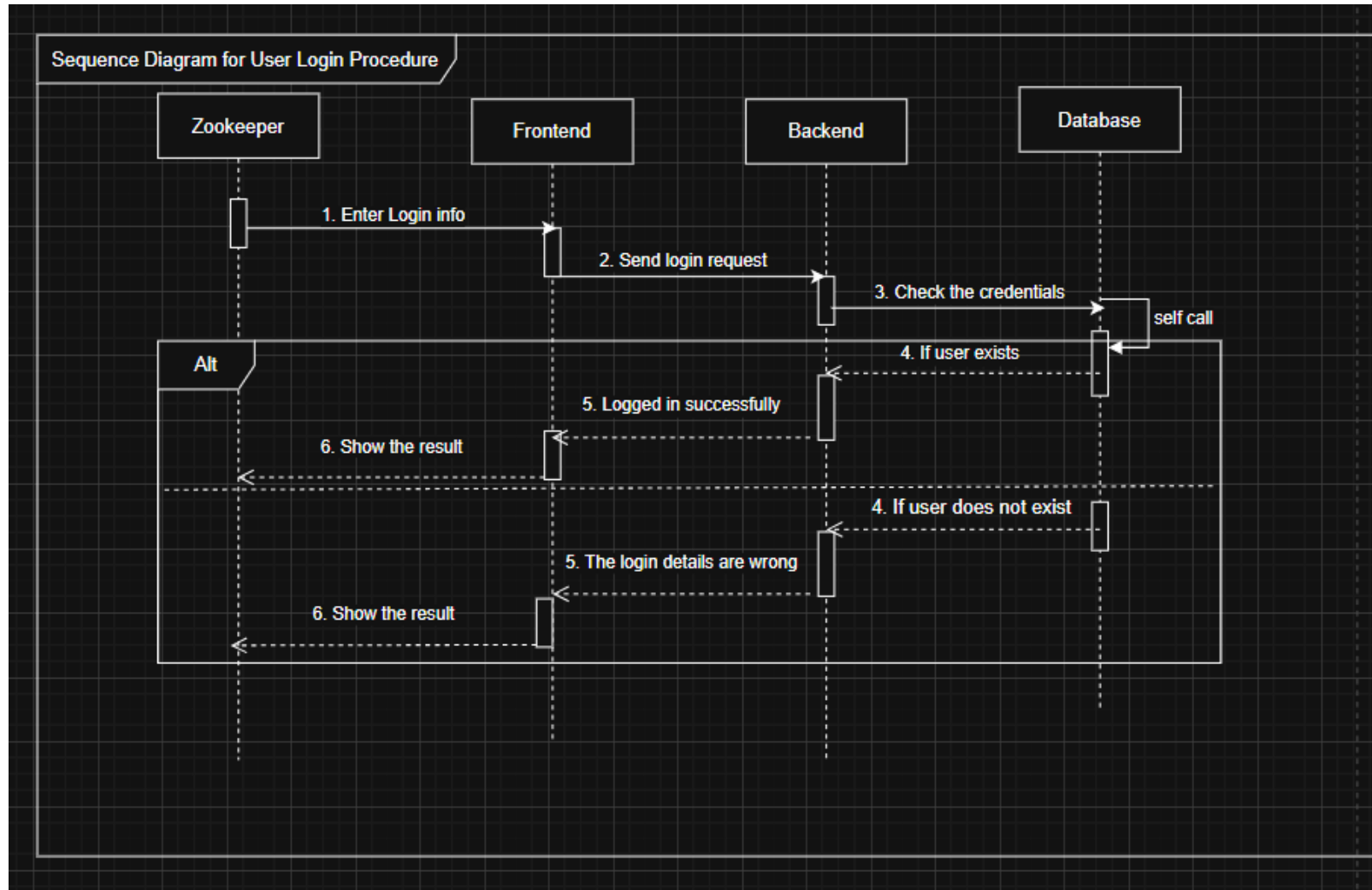
Use case Diagram:



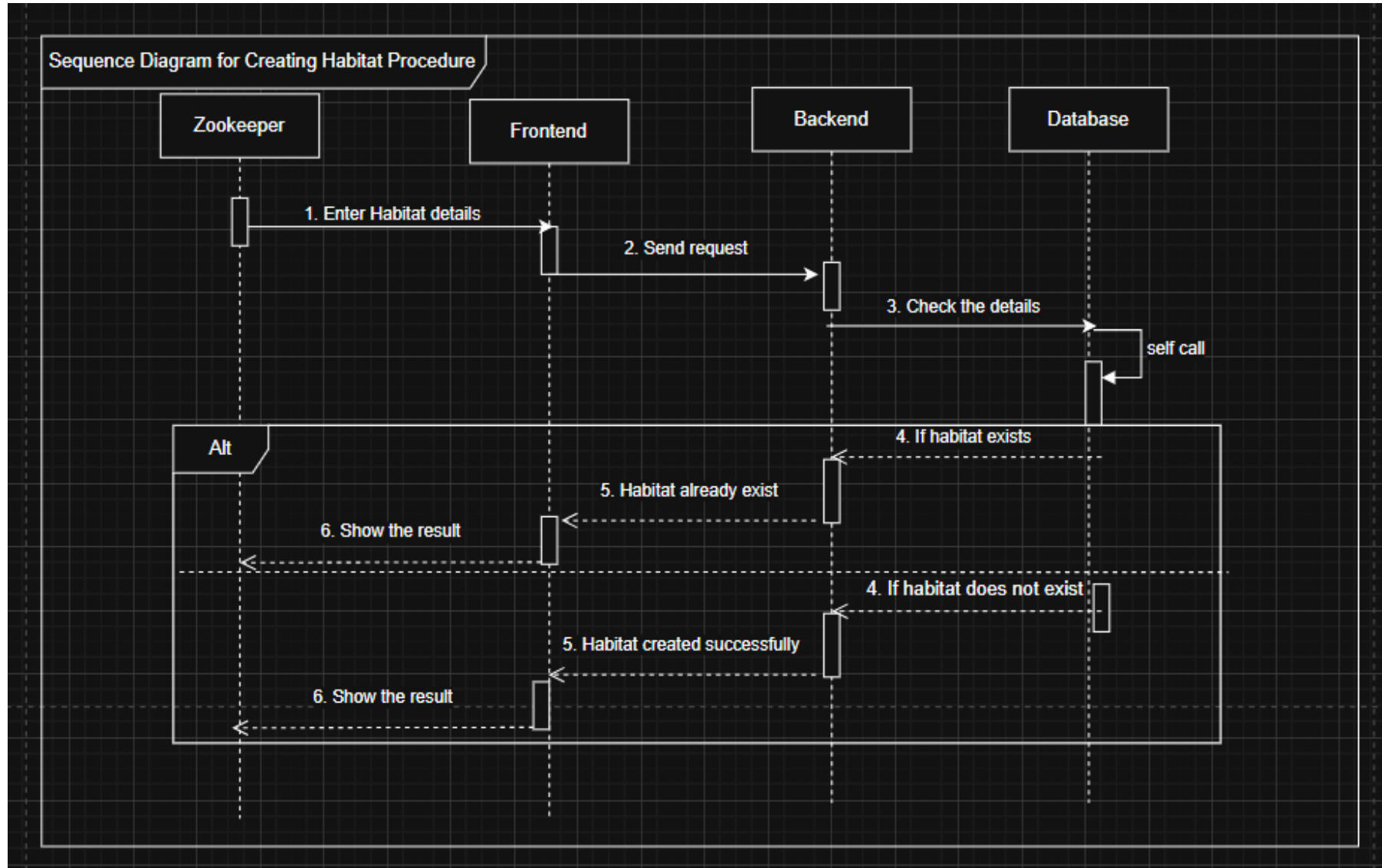
Use case Diagram:



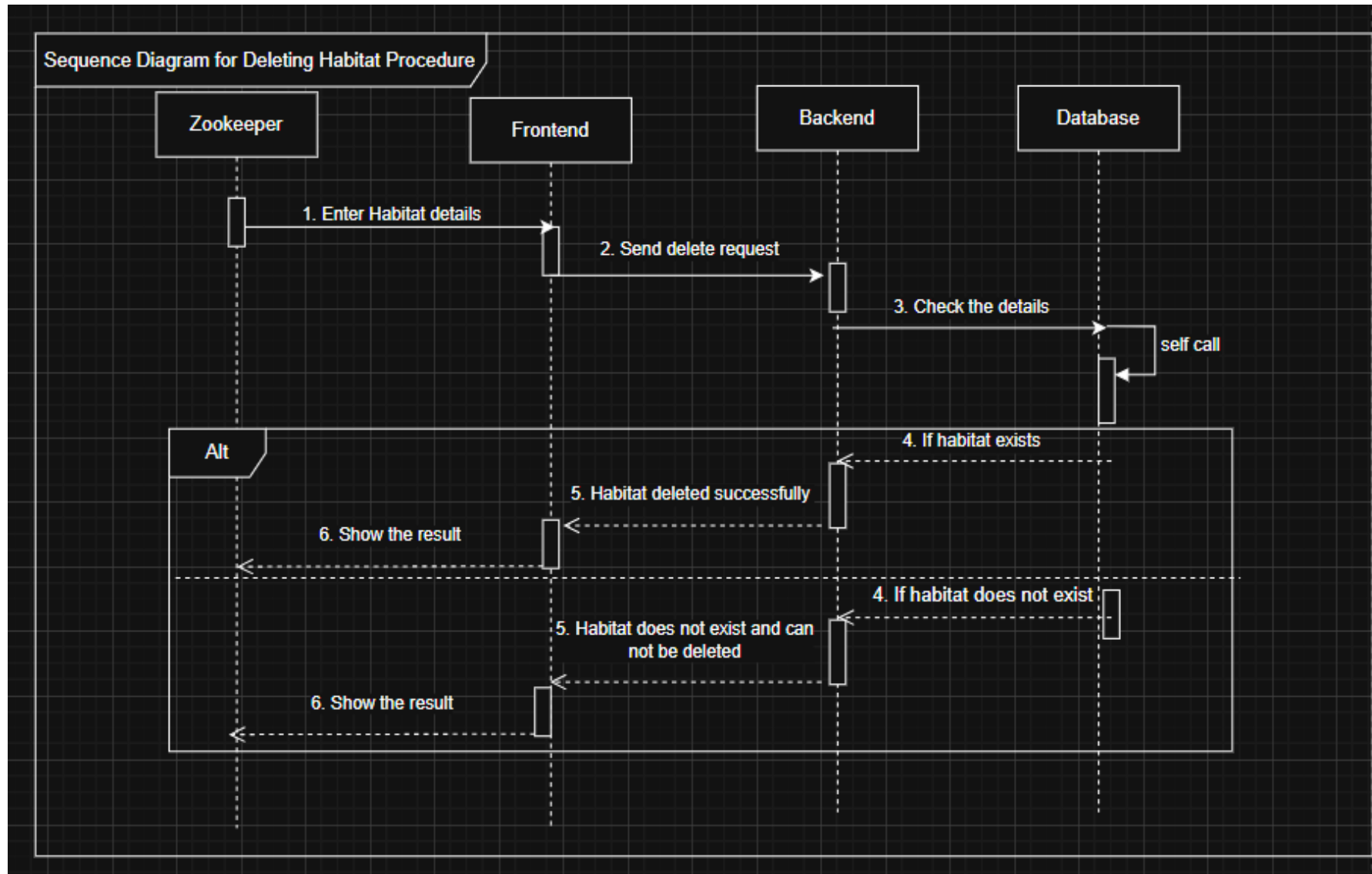
Sequence diagram



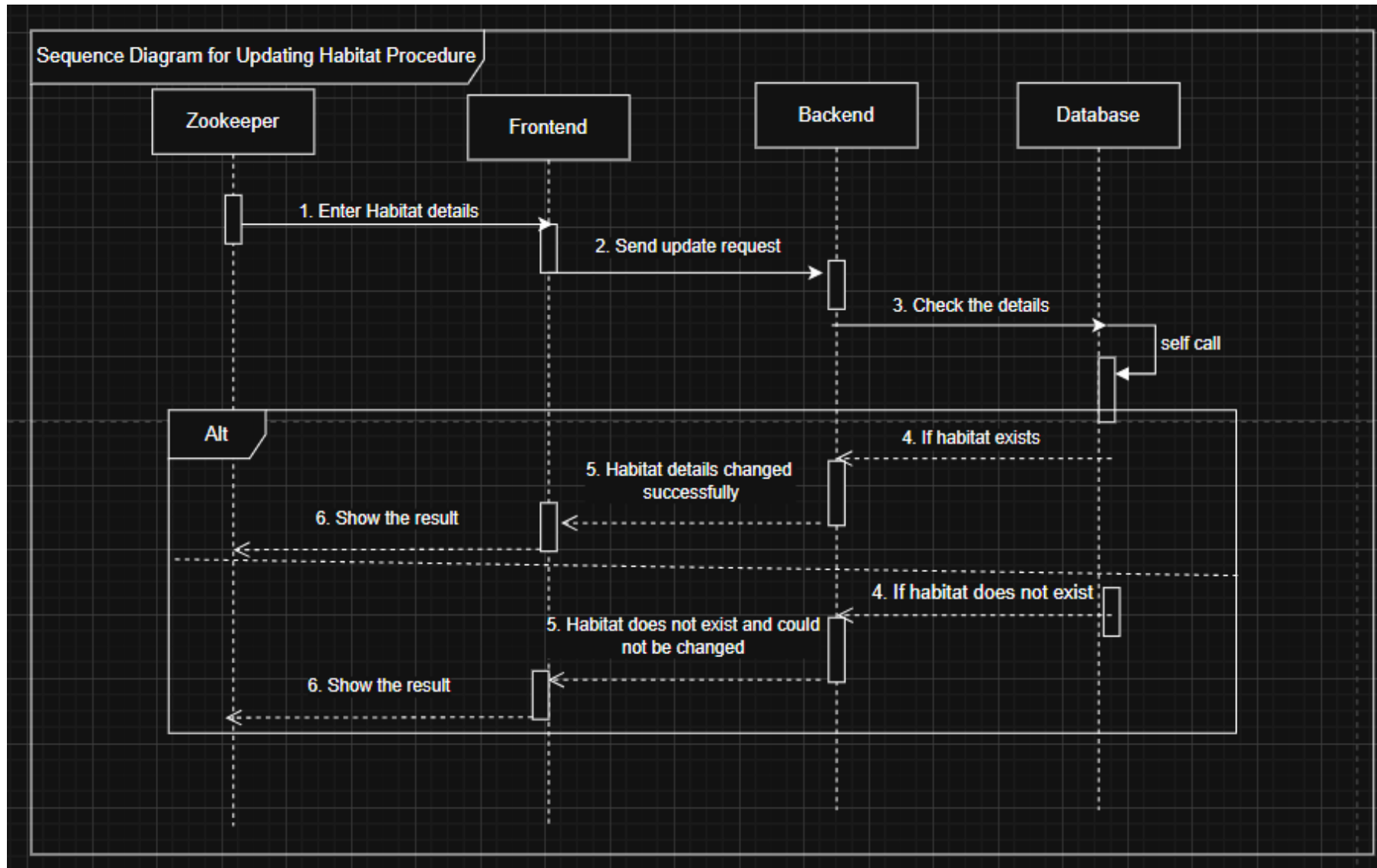
Sequence diagram



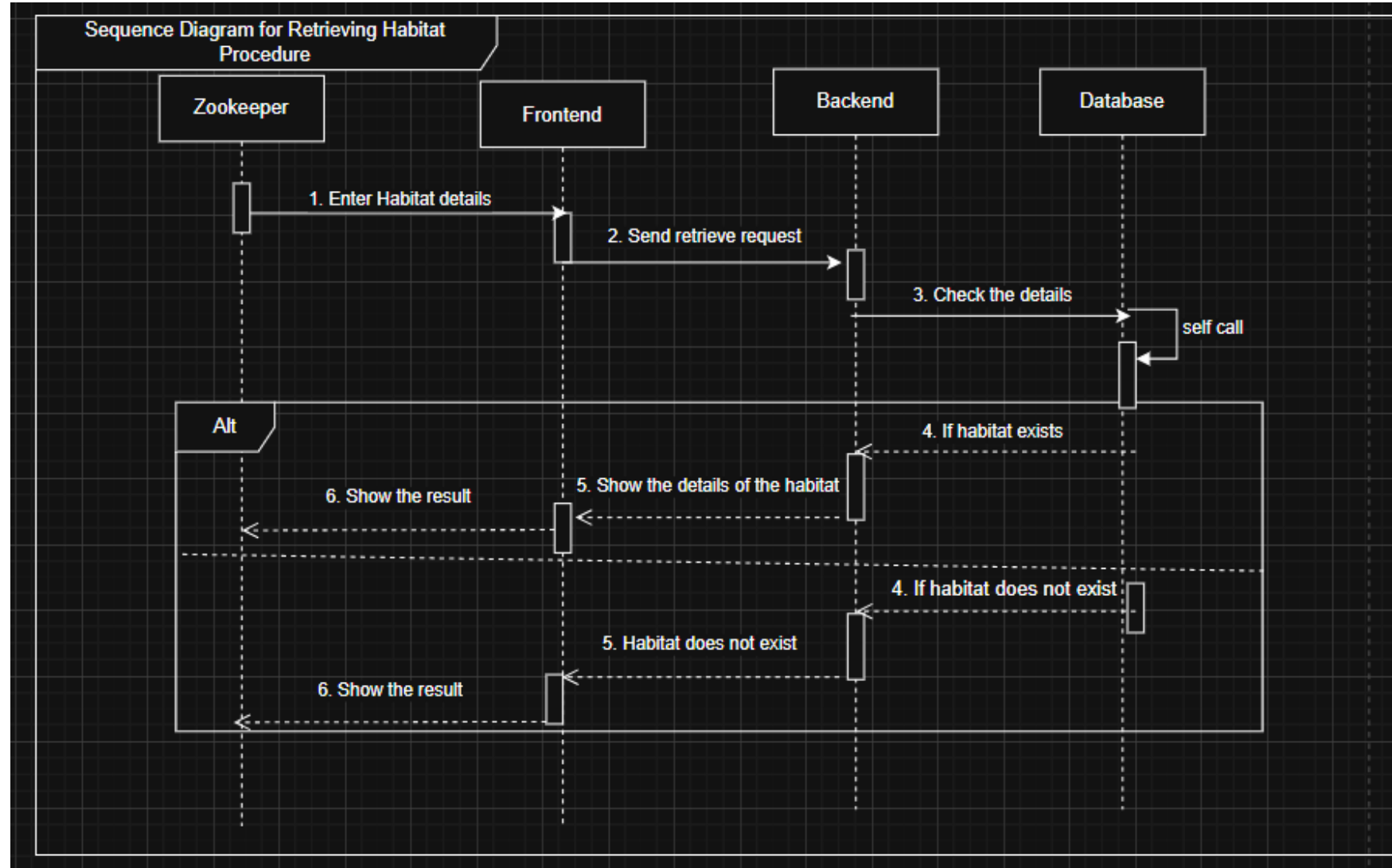
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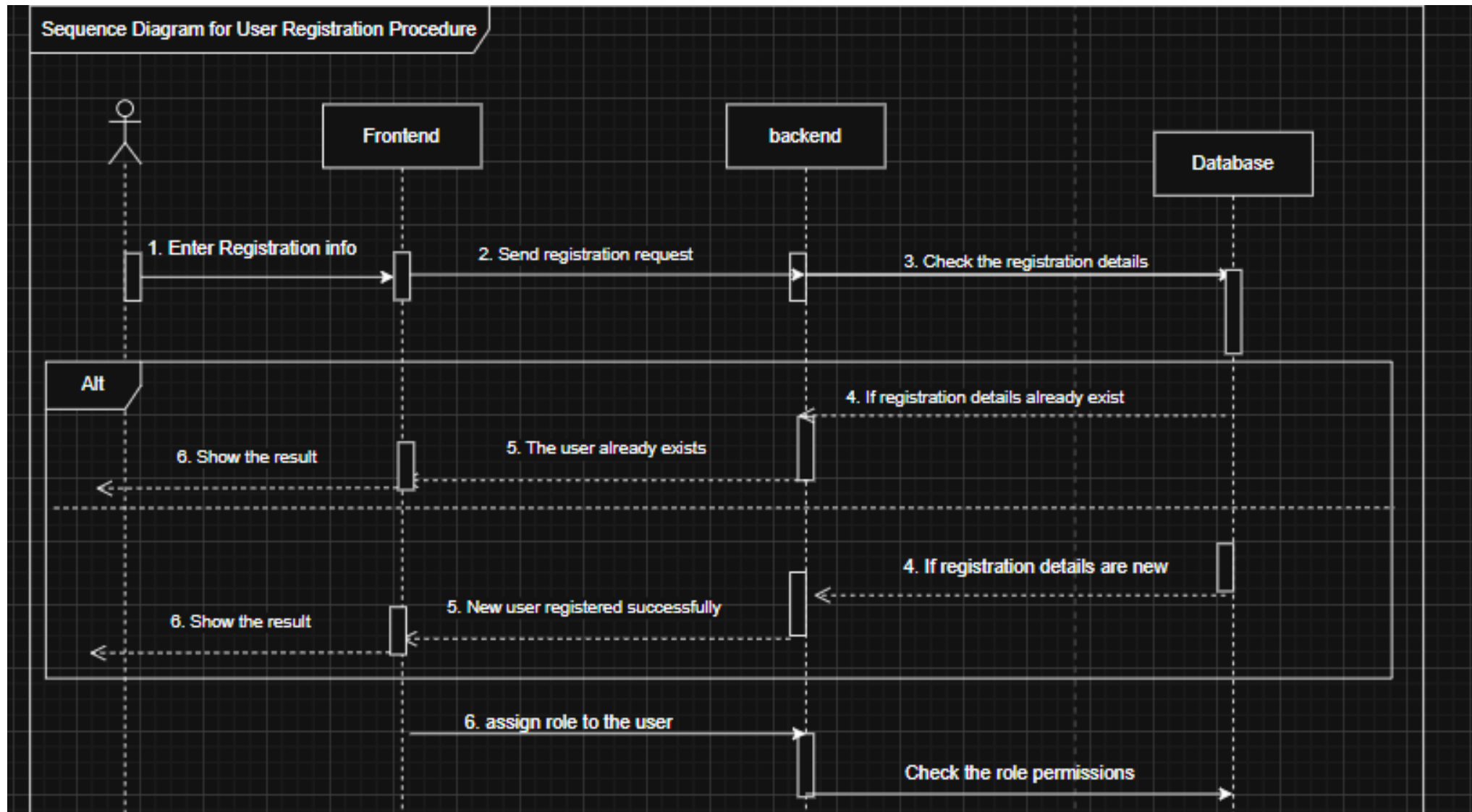
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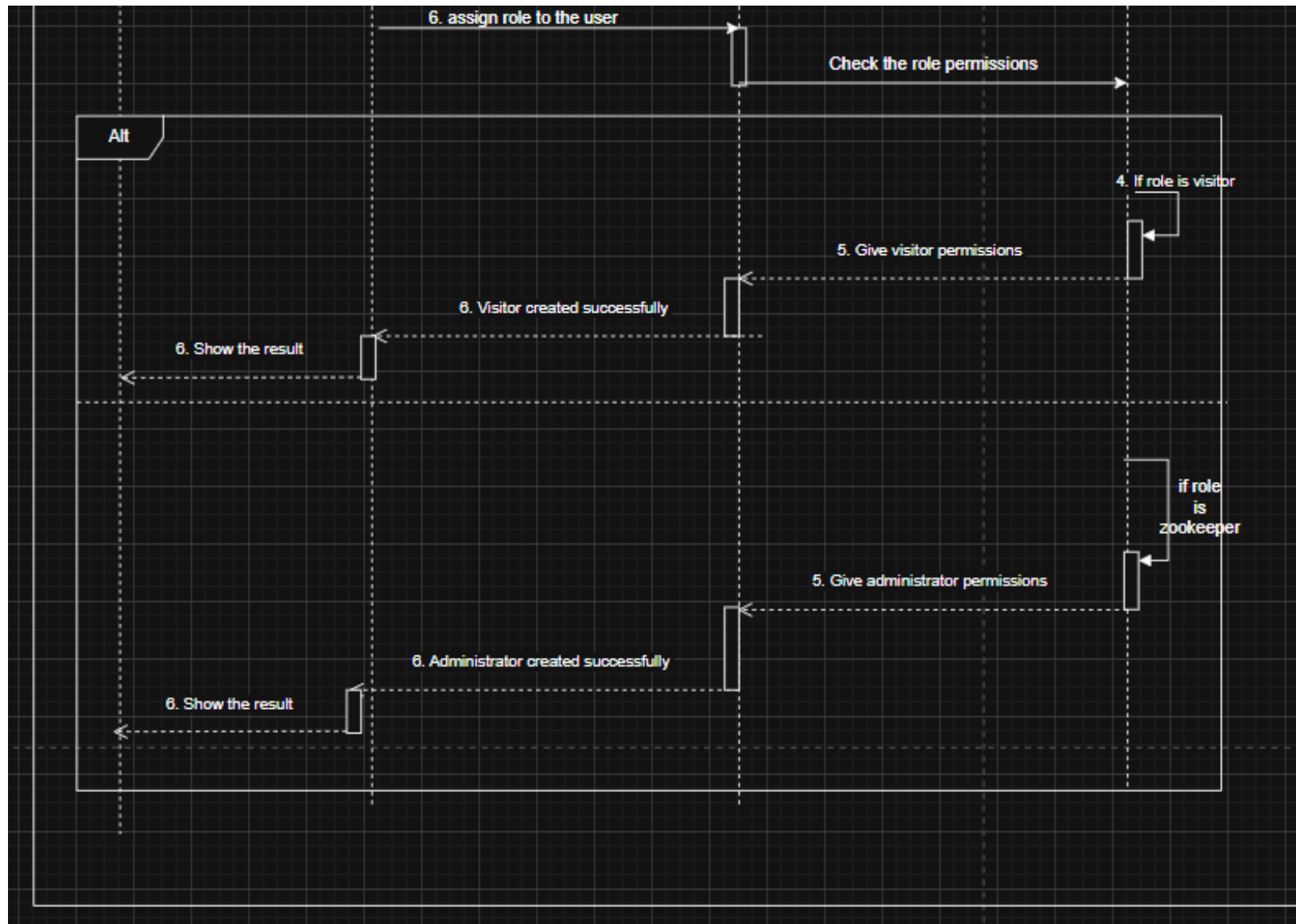
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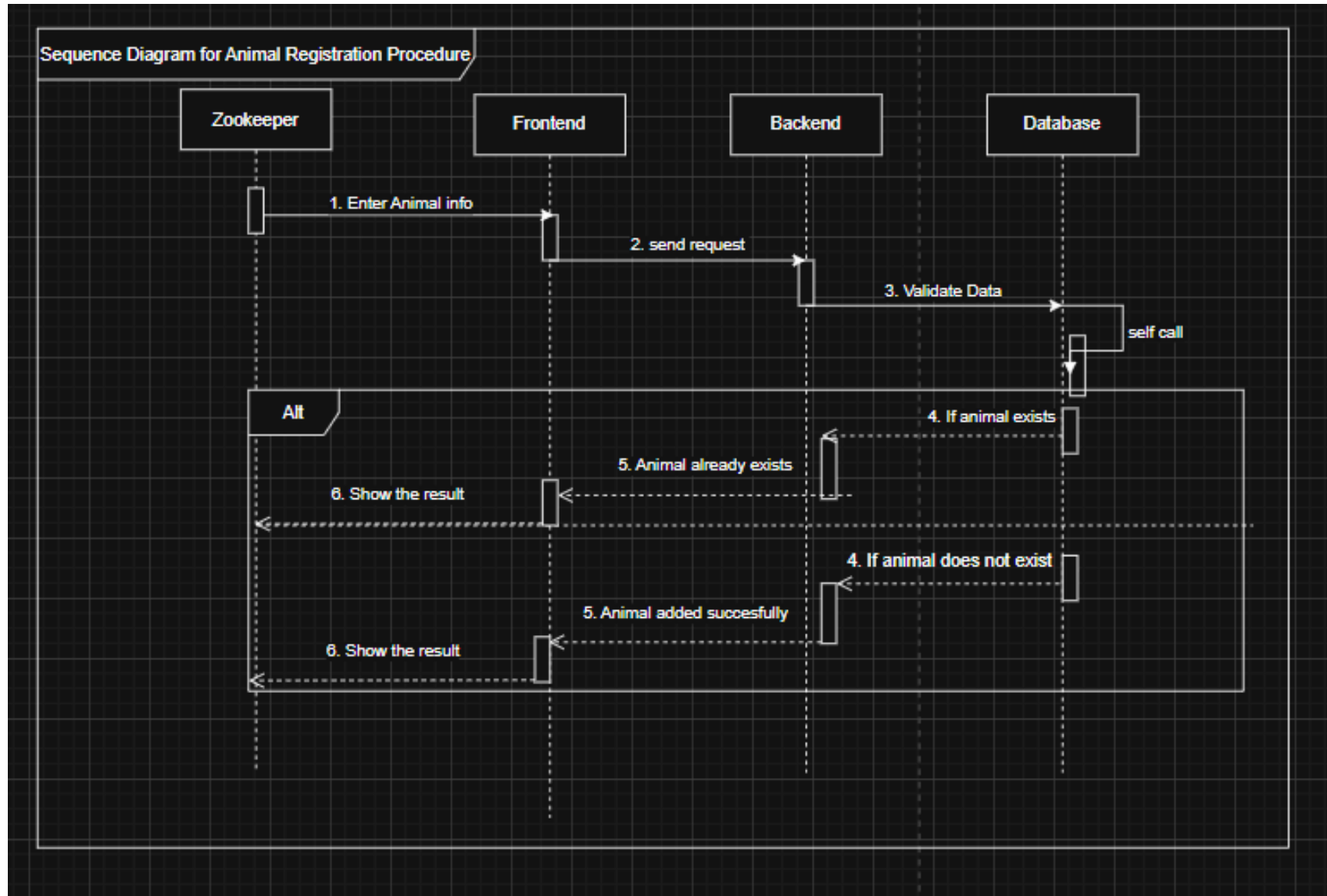
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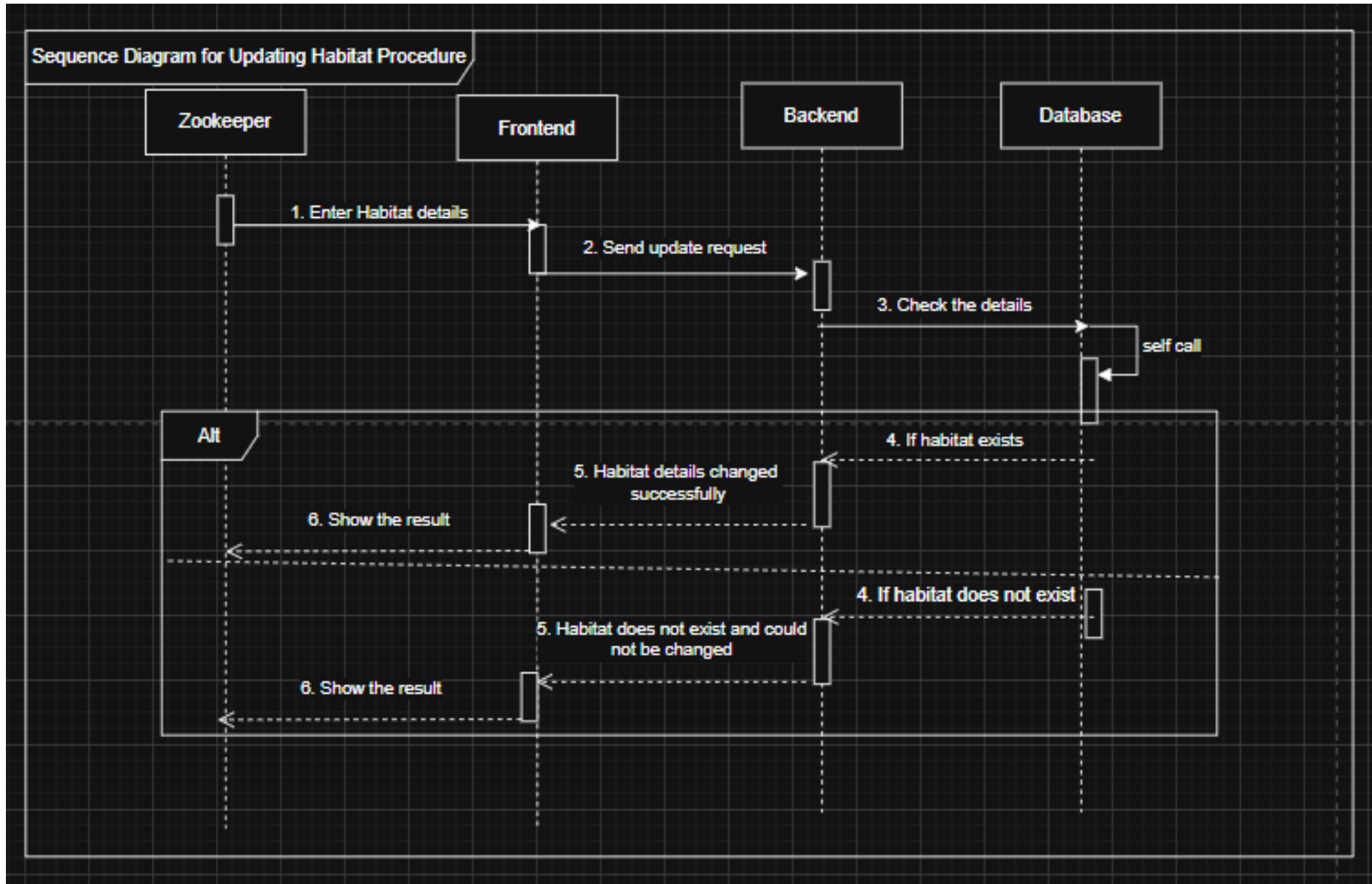
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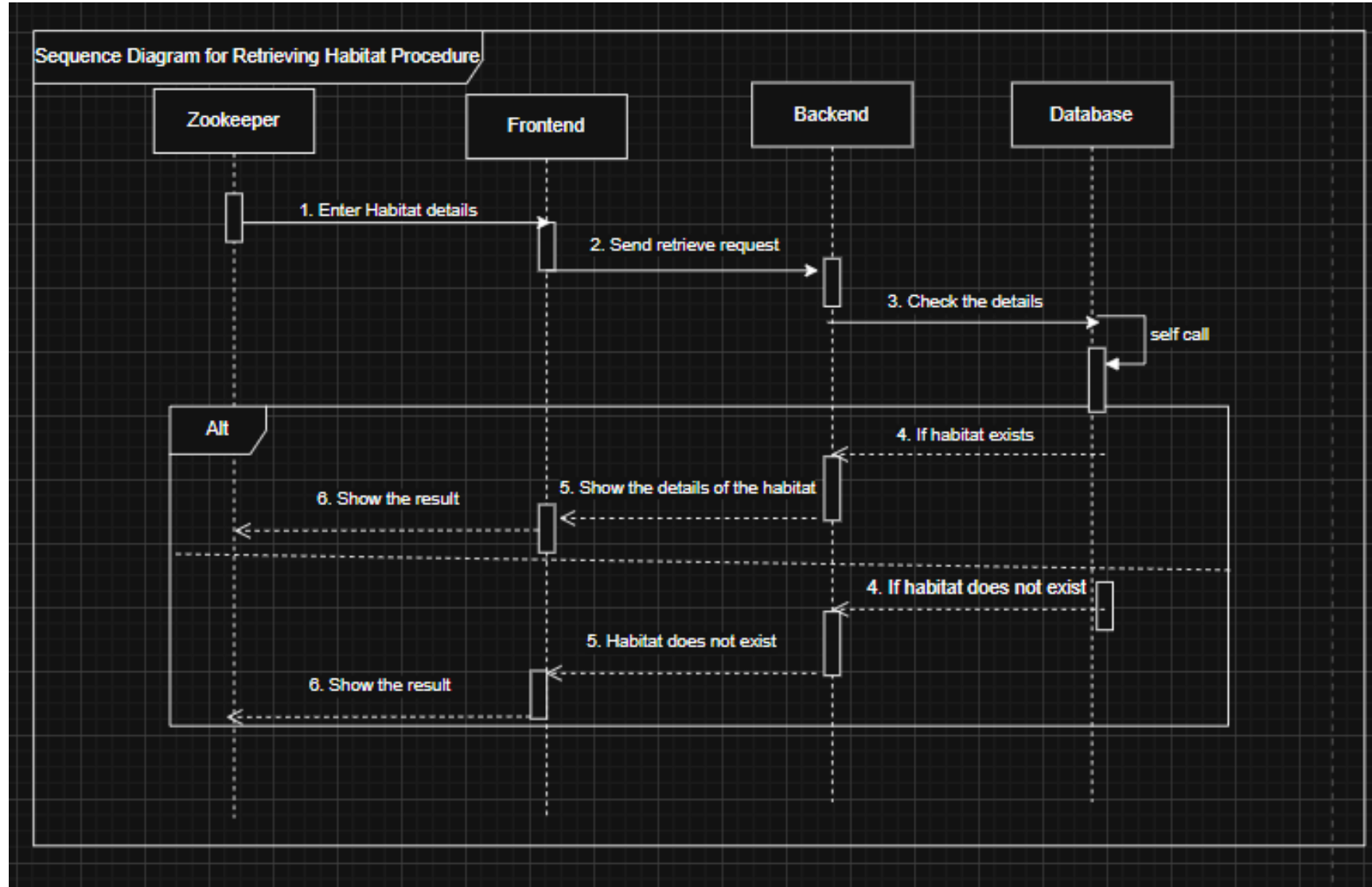
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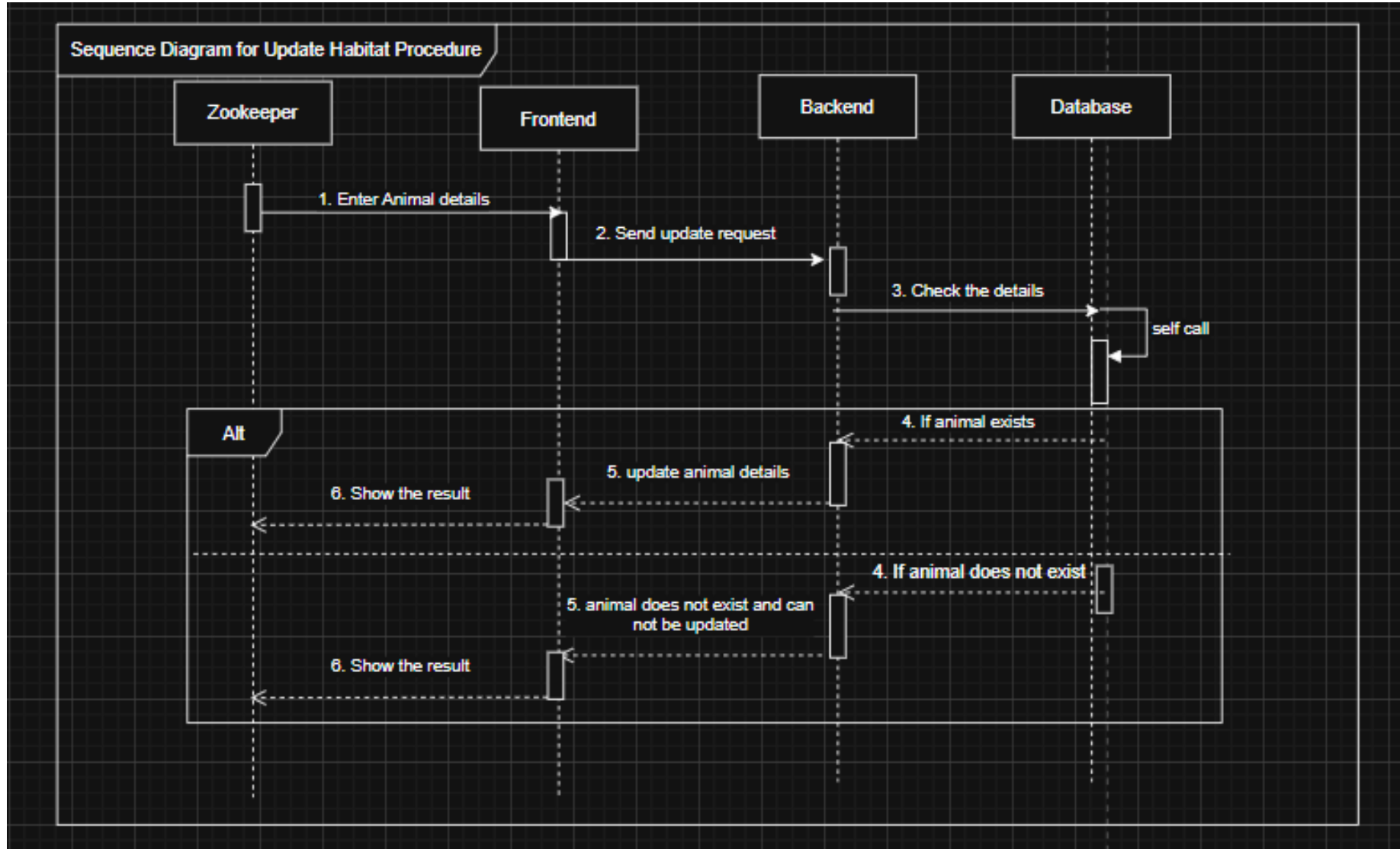
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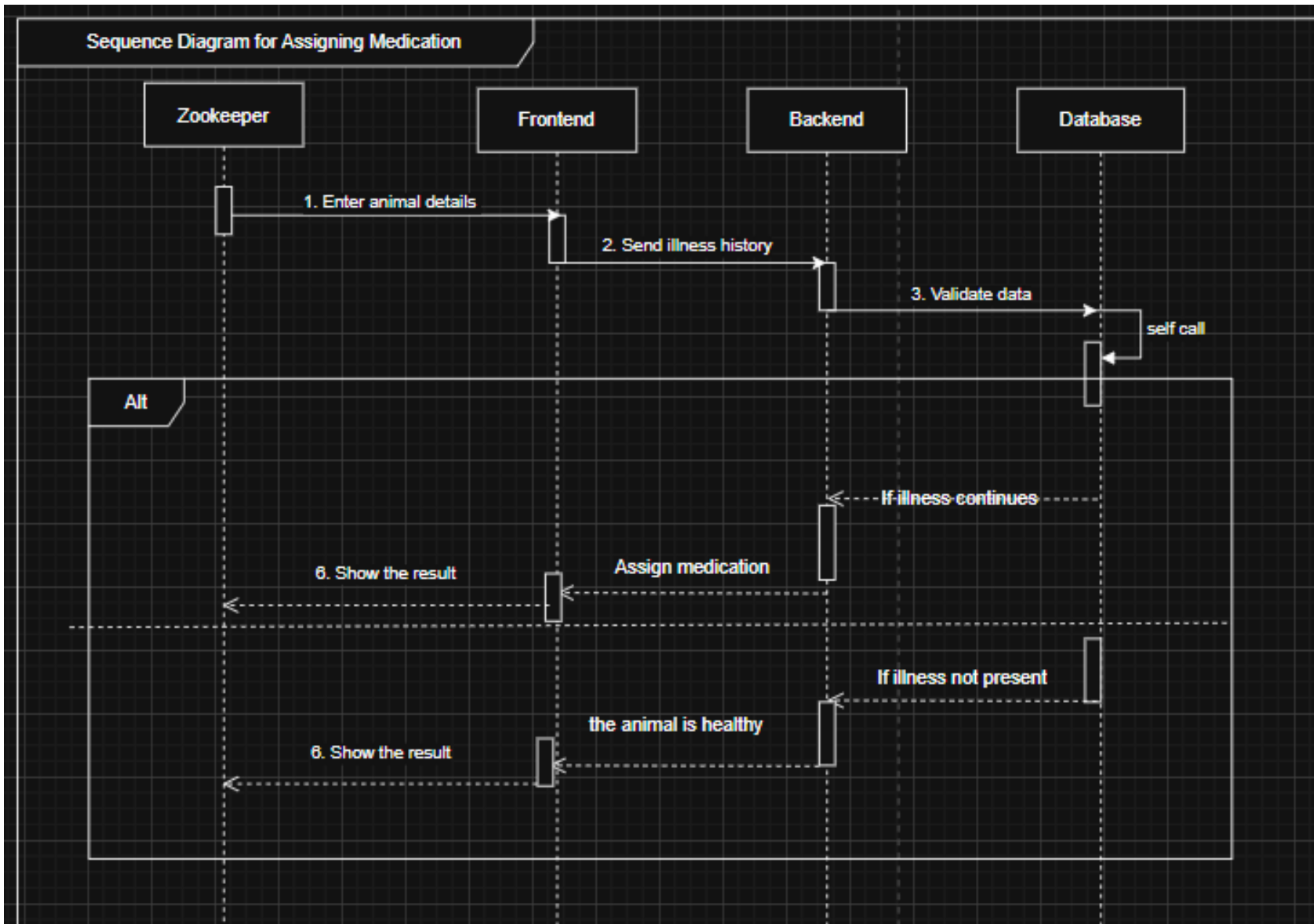
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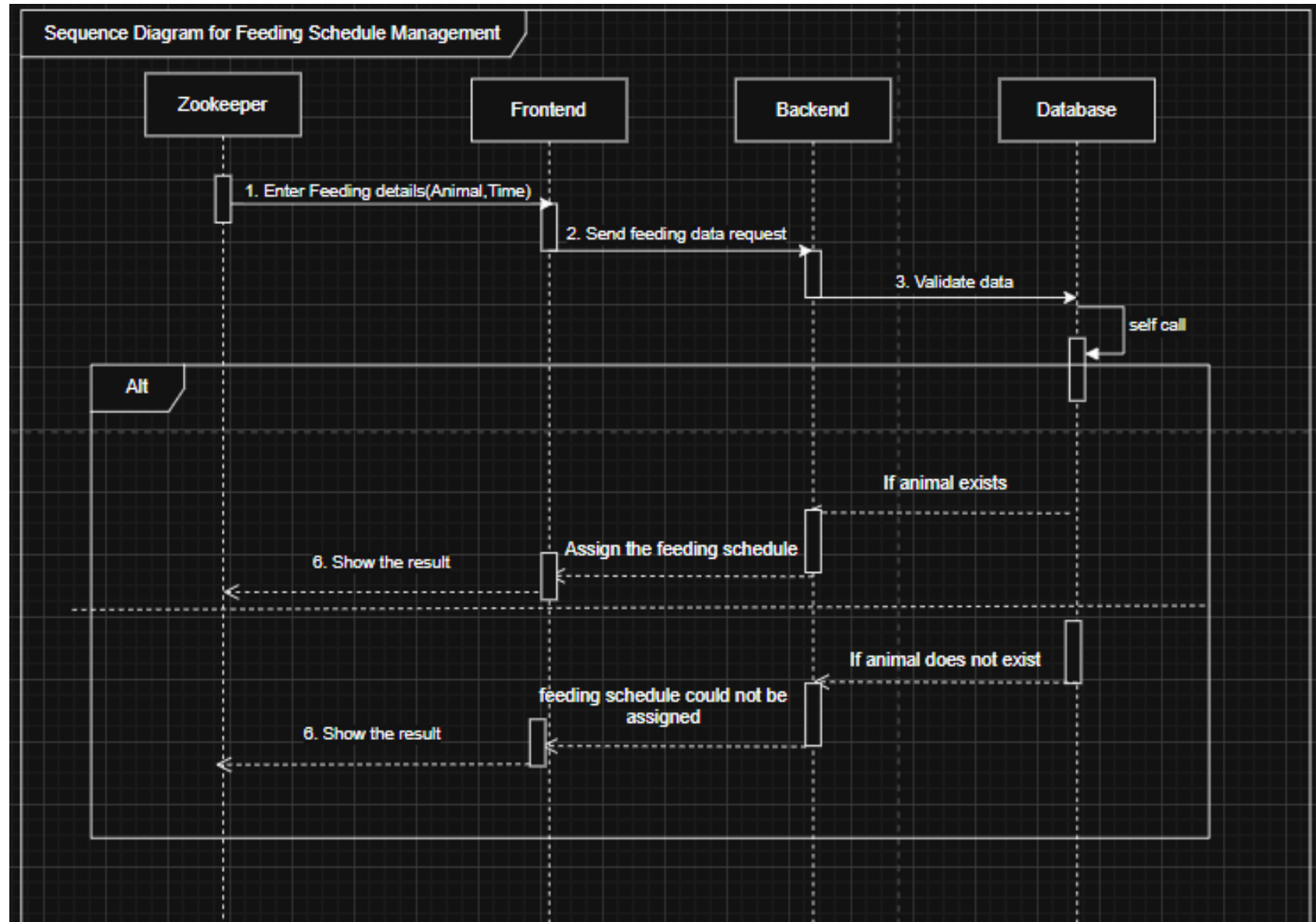
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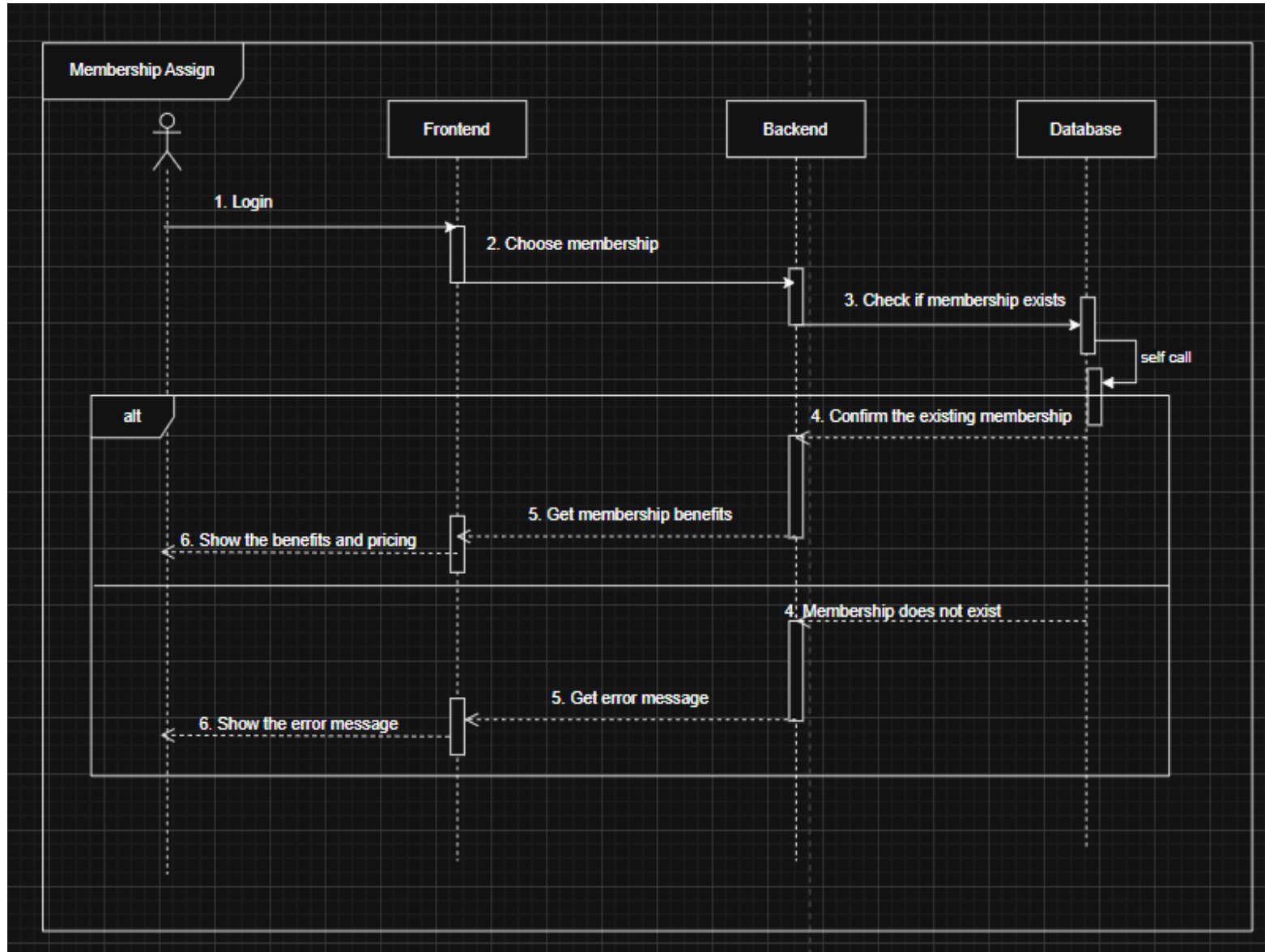
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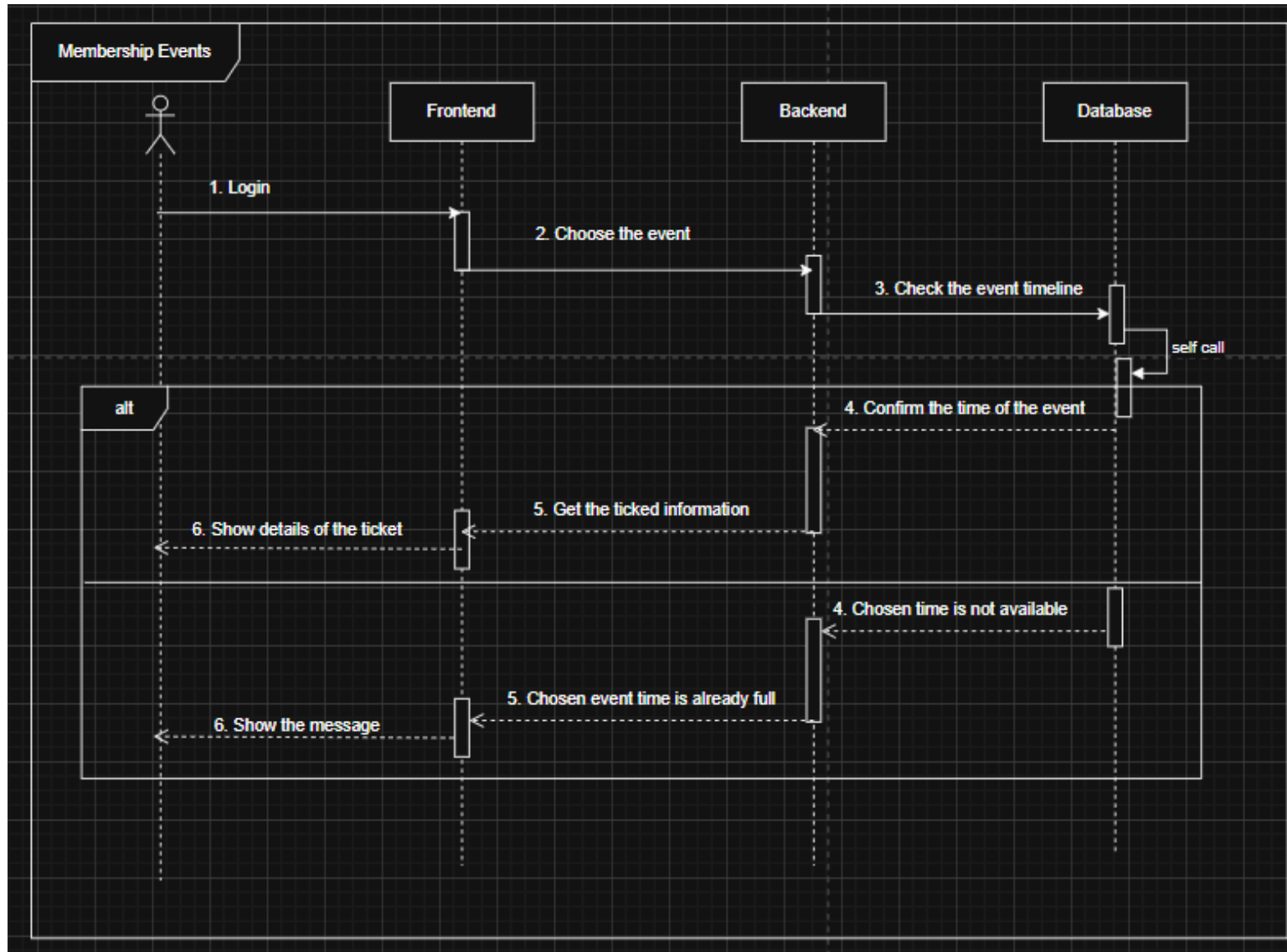
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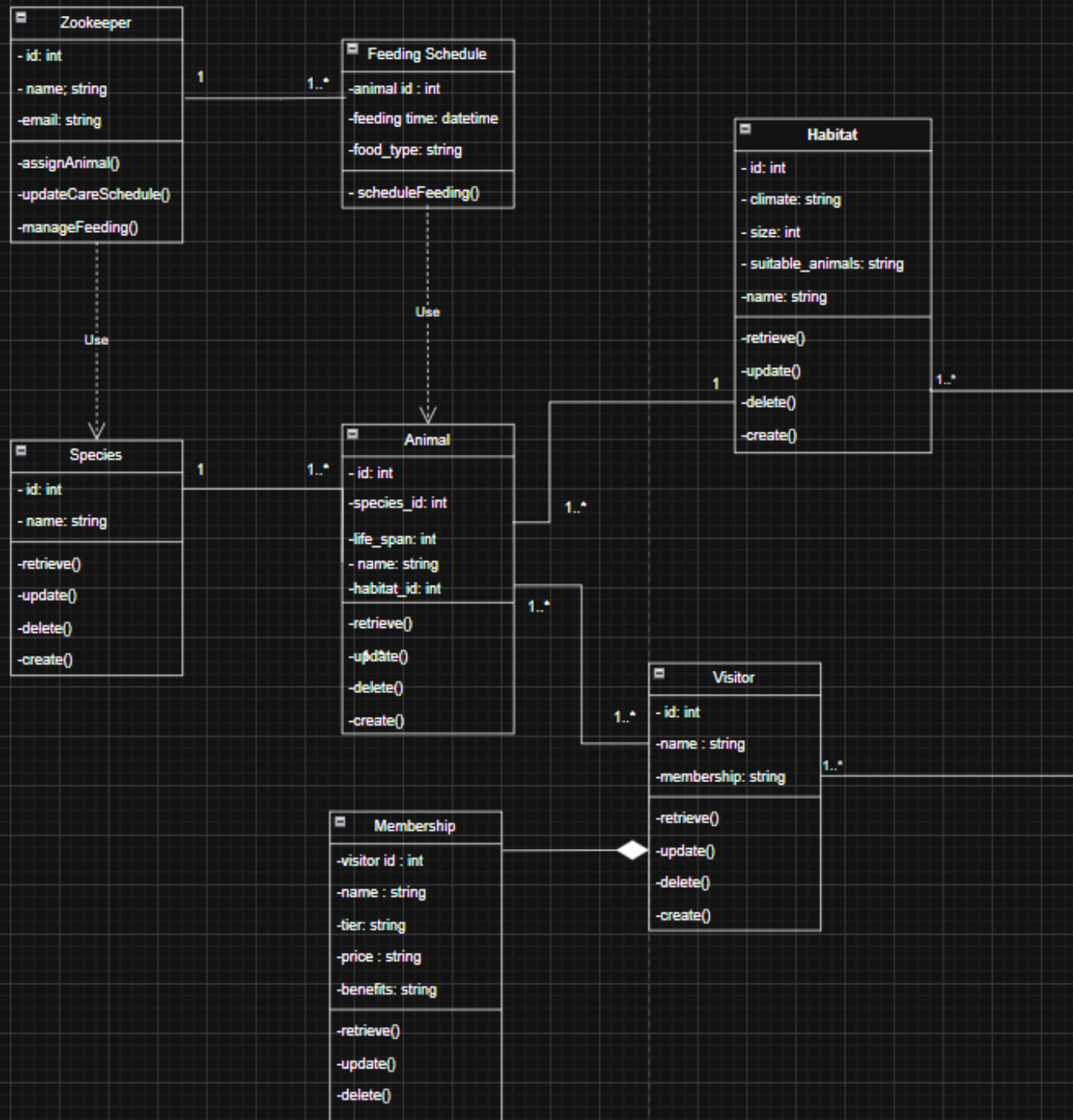
Sequence diagram



Sequence diagram



Class diagram



Next Steps

- Fix authentication and authorization issues.
 - Add error handling for missing or undefined states.
 - Implement data validation & user role permissions.
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