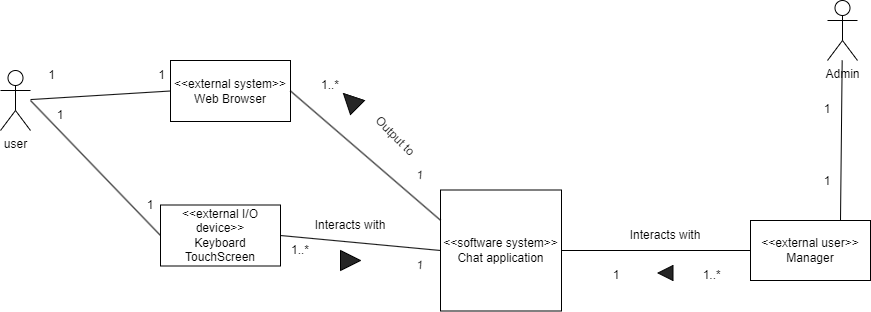
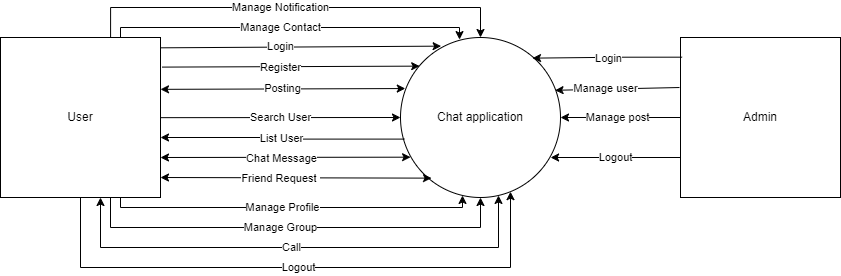
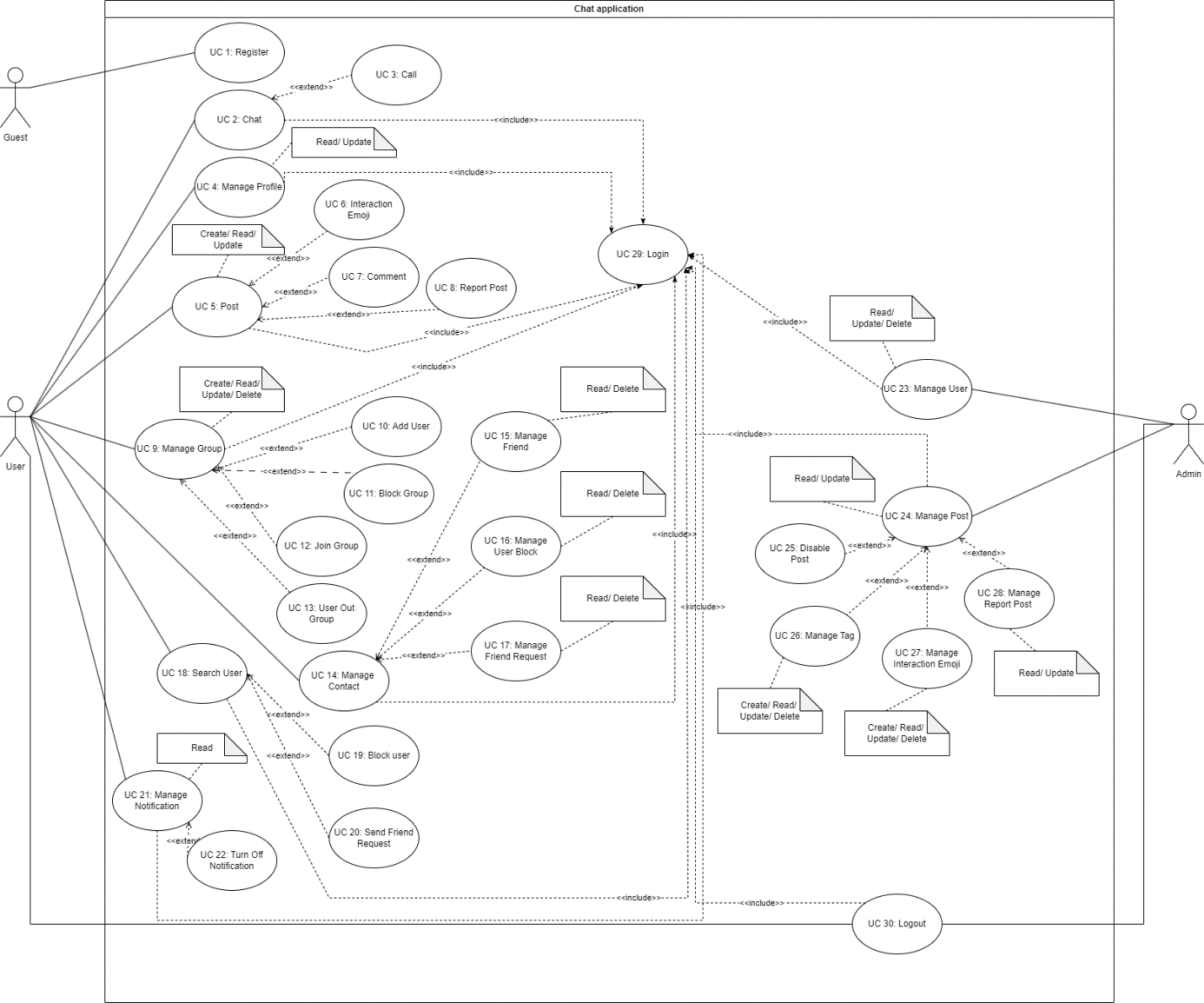
**GROUP 1 – Chat Application**

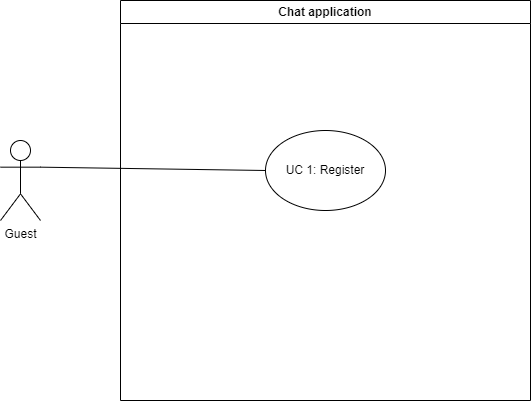
1. **SYSTEM CONTEXT DIAGRAM**
   1. System context diagram



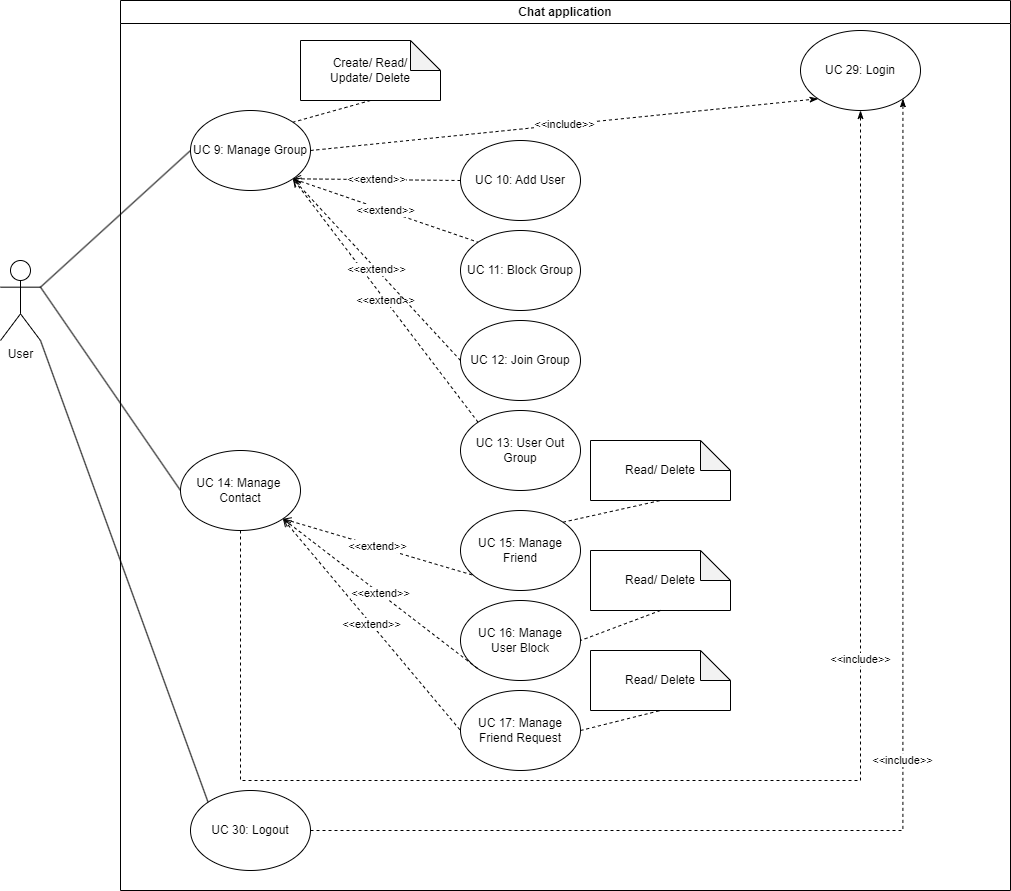
* 1. Total context diagram

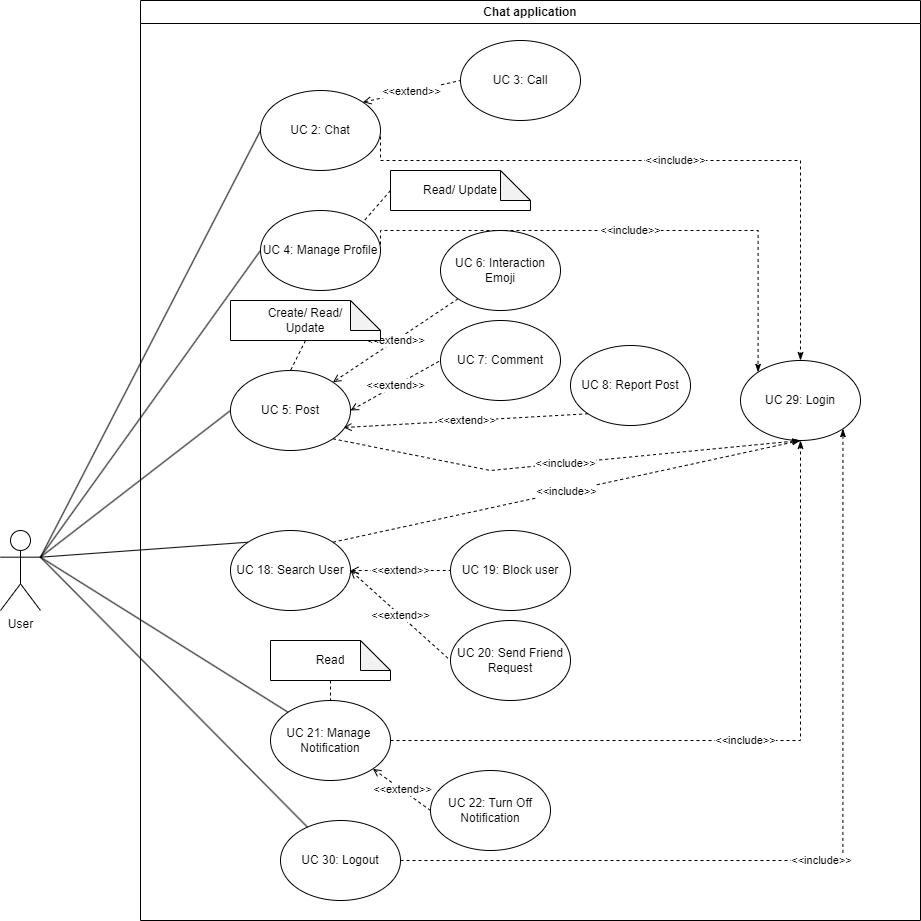


1. **USE CASE DIAGRAM**
   1. Guest

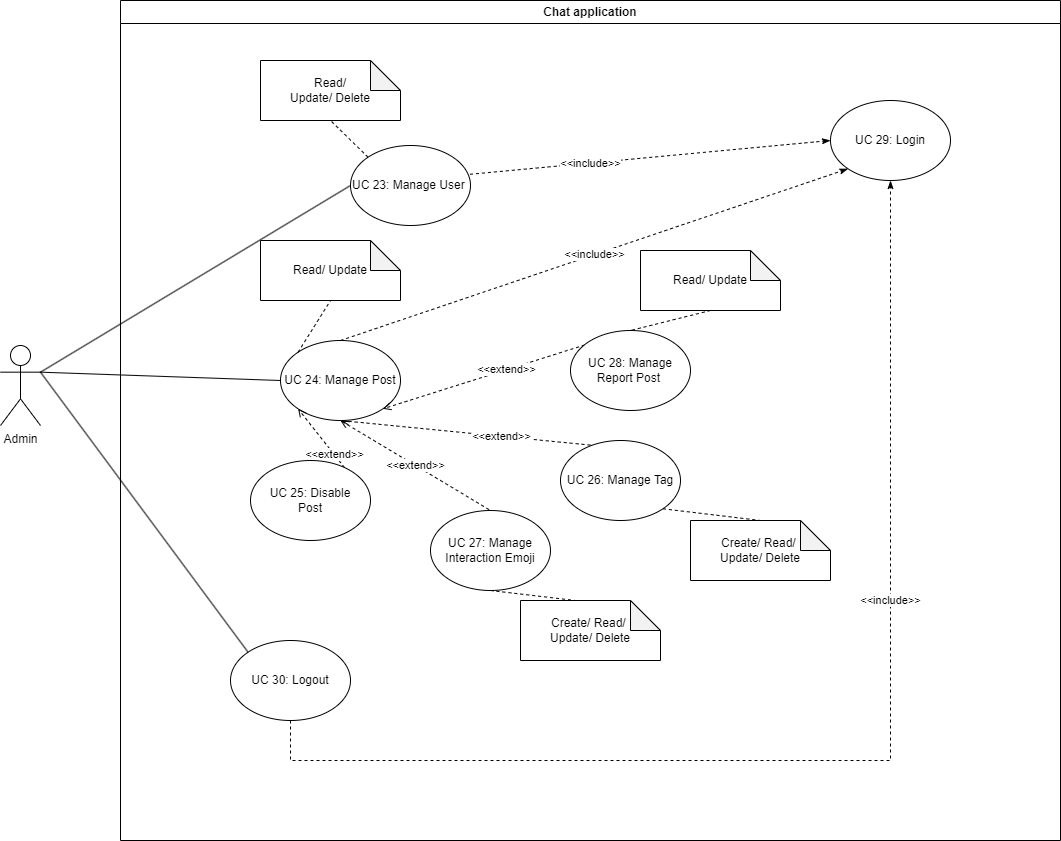


* 1. User

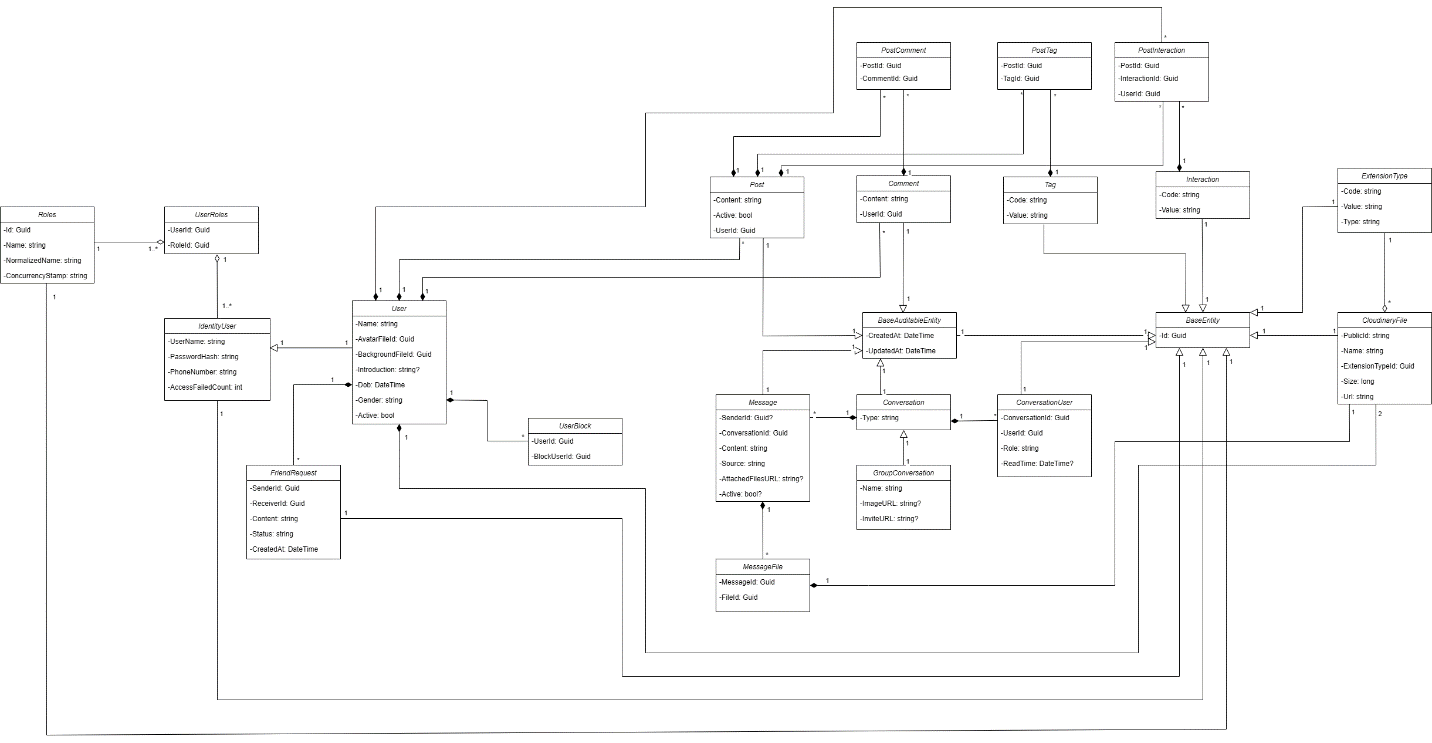




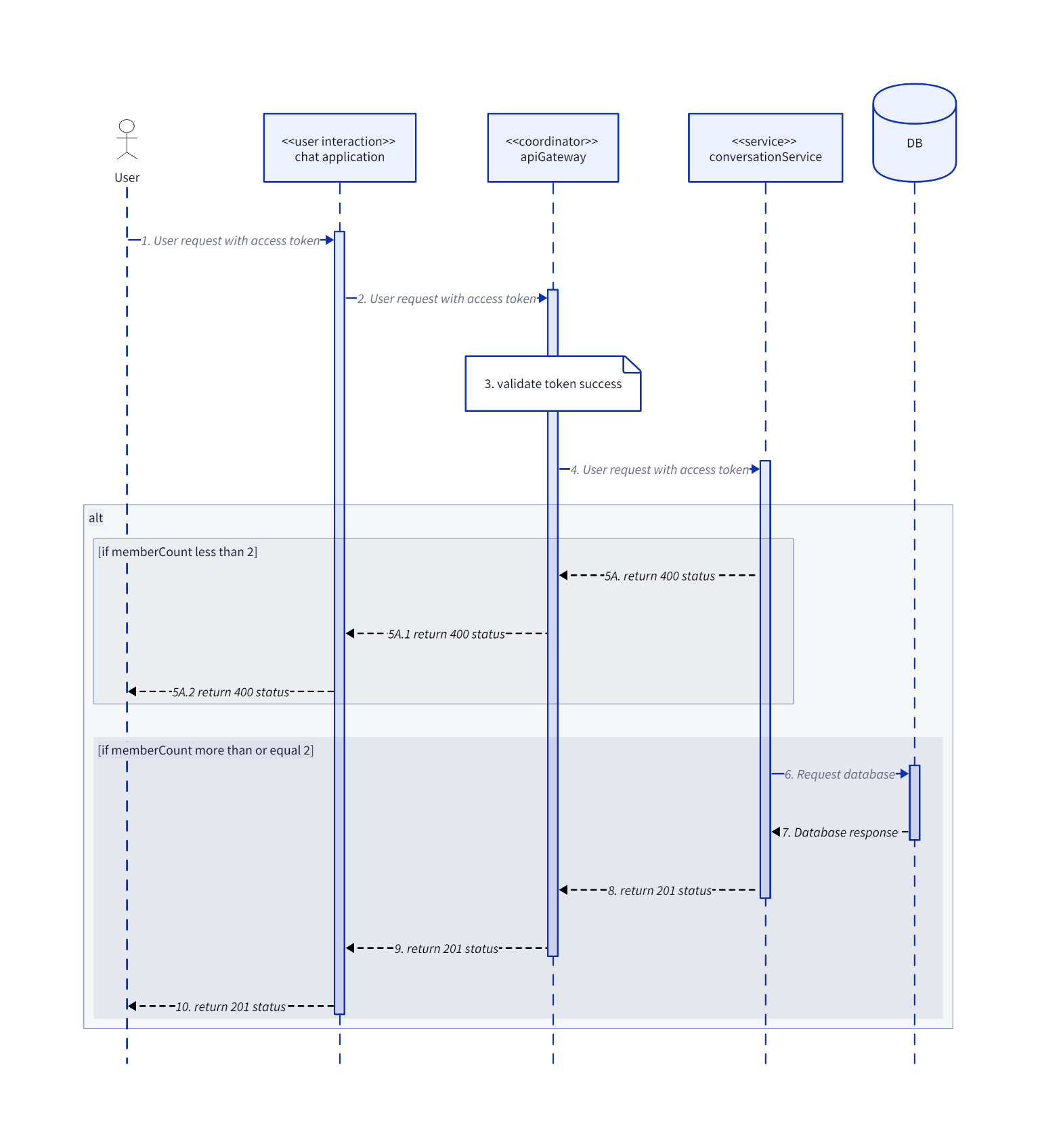
* 1. Admin



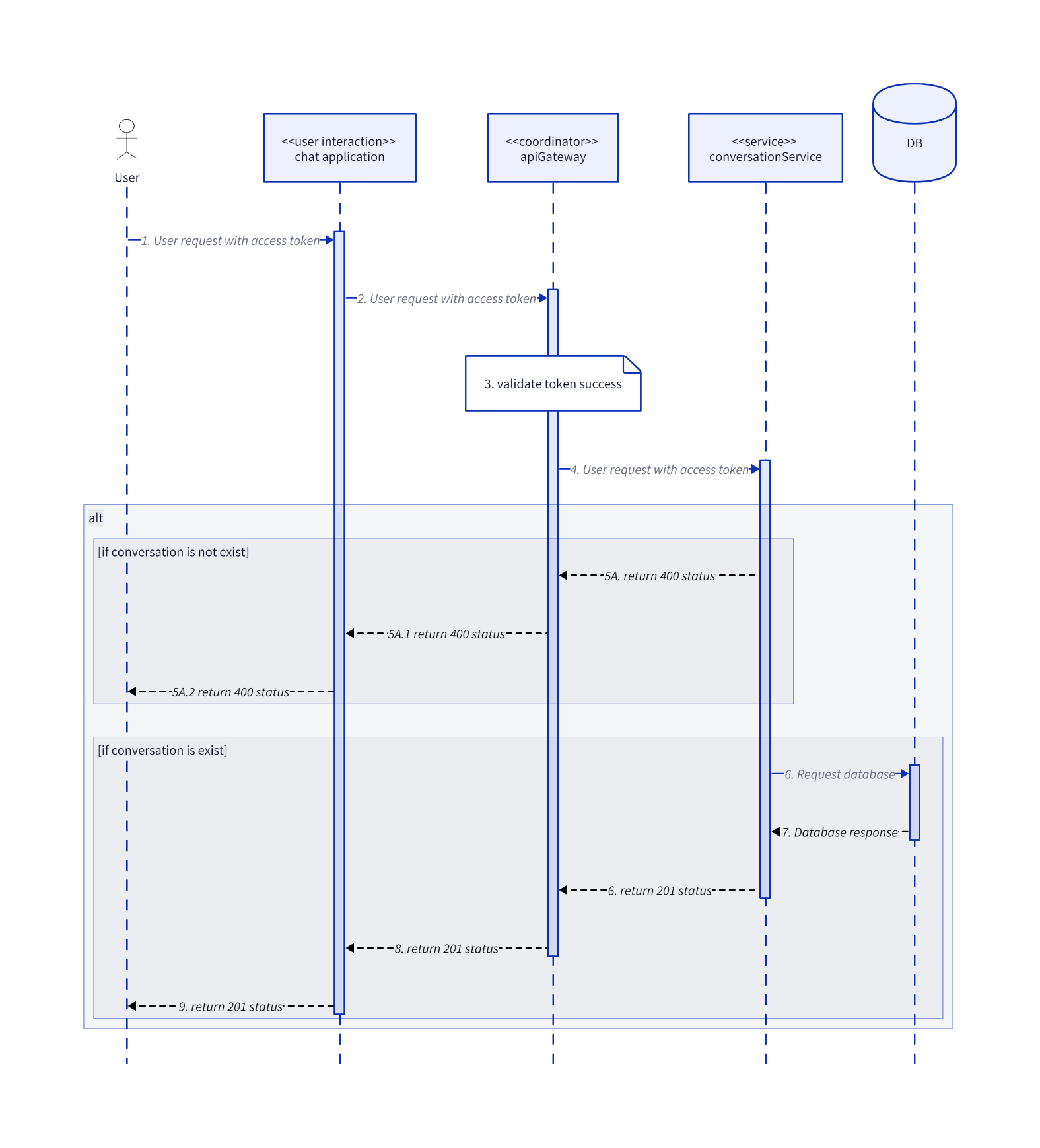
1. **ENITY CLASS DIAGRAM**



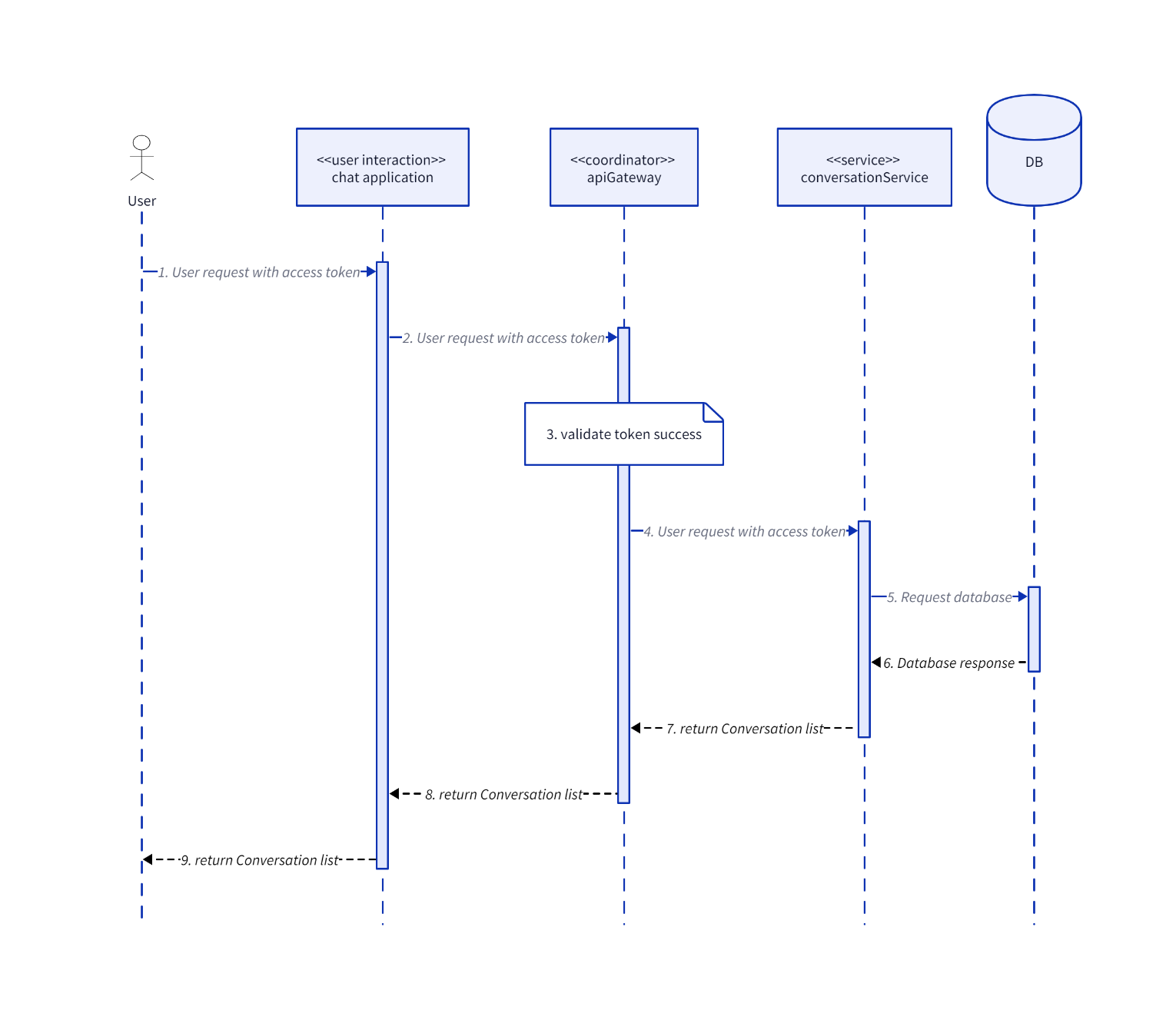
1. **SEQUENCE DIAGRAM**
   1. **Conversation**
      1. **CreateGroupConversation**



* + 1. **DeleteConversation**

****

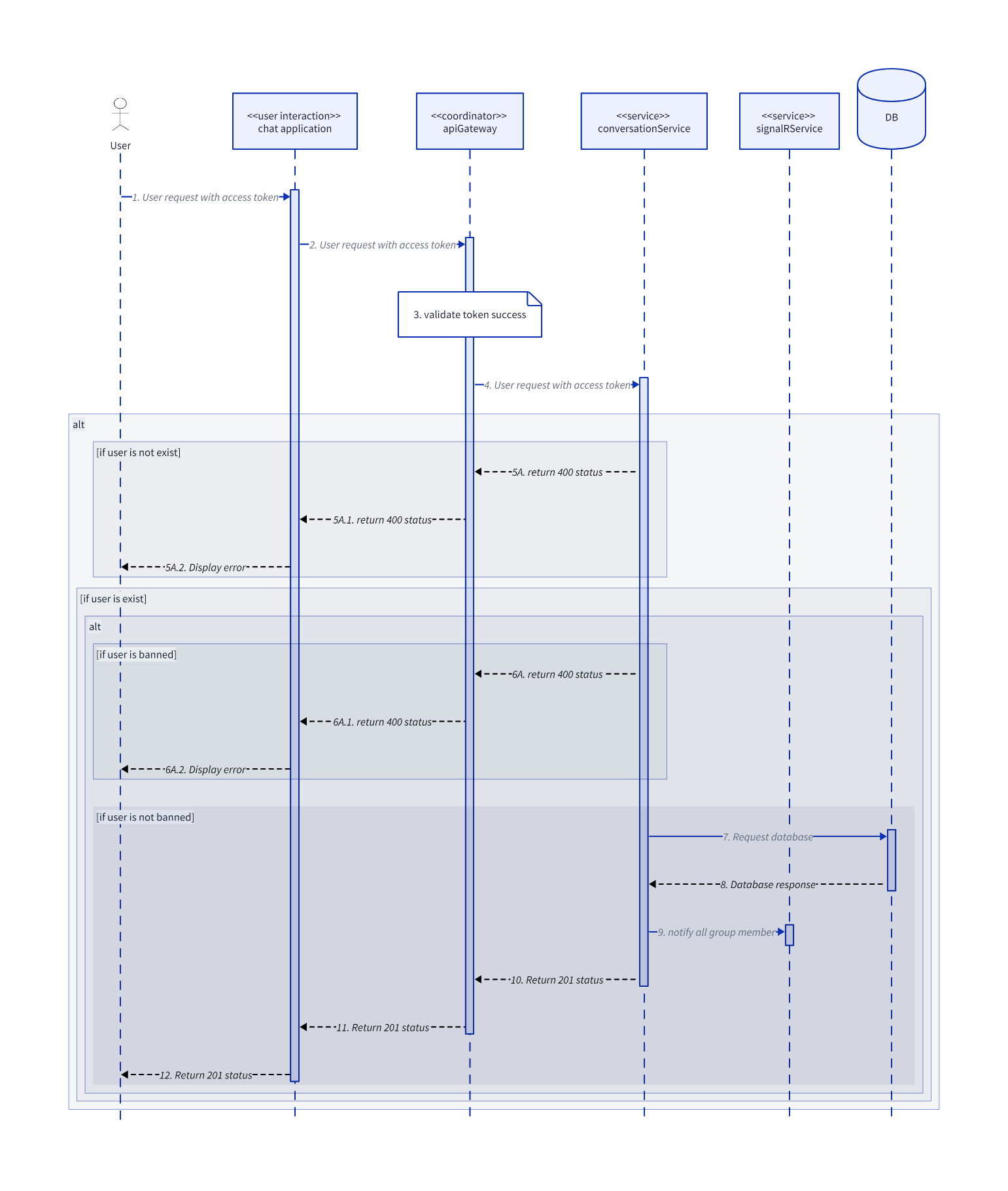
* + 1. **GetConversation**

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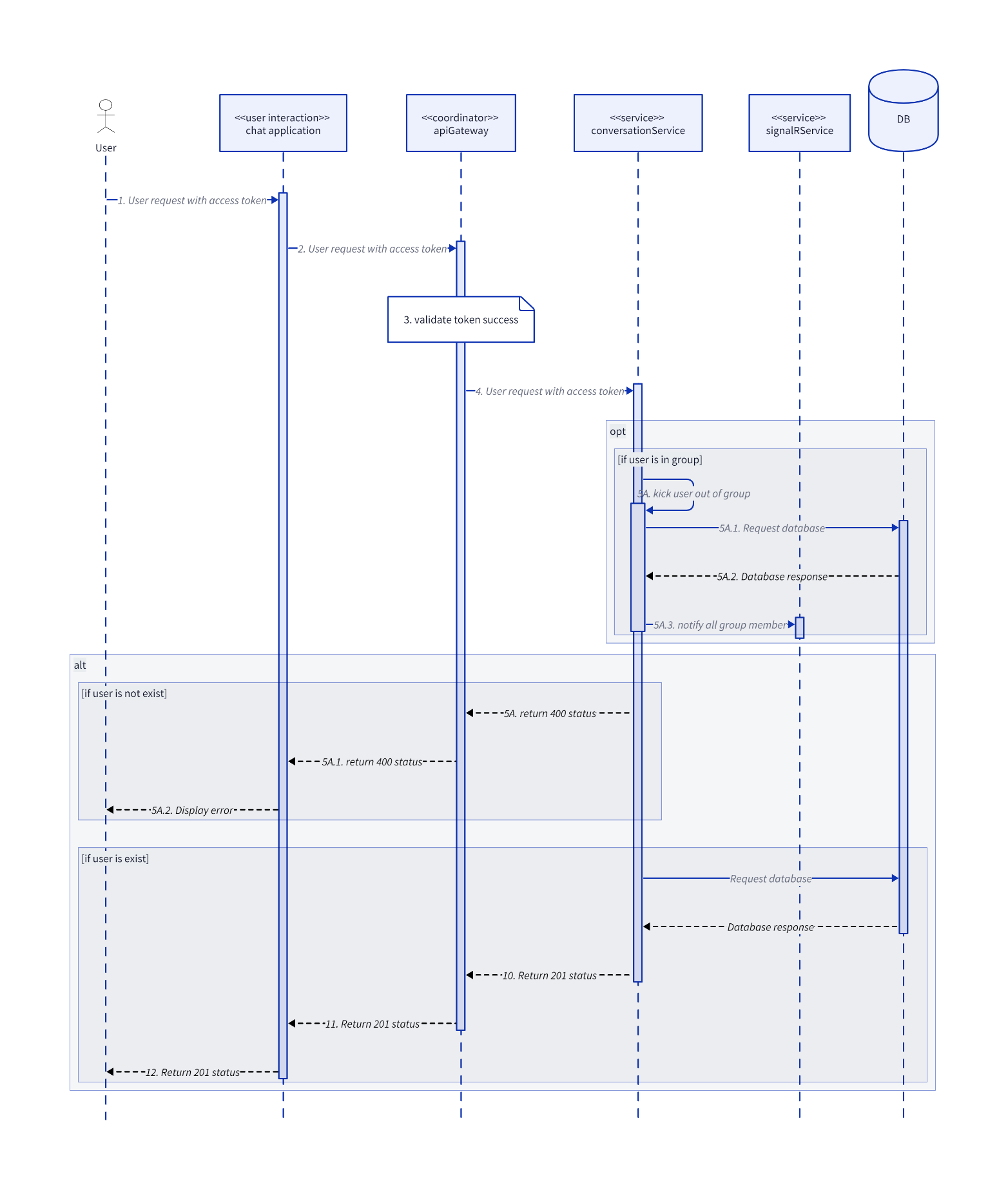
* + 1. **GetMemberListByConversationId**

****

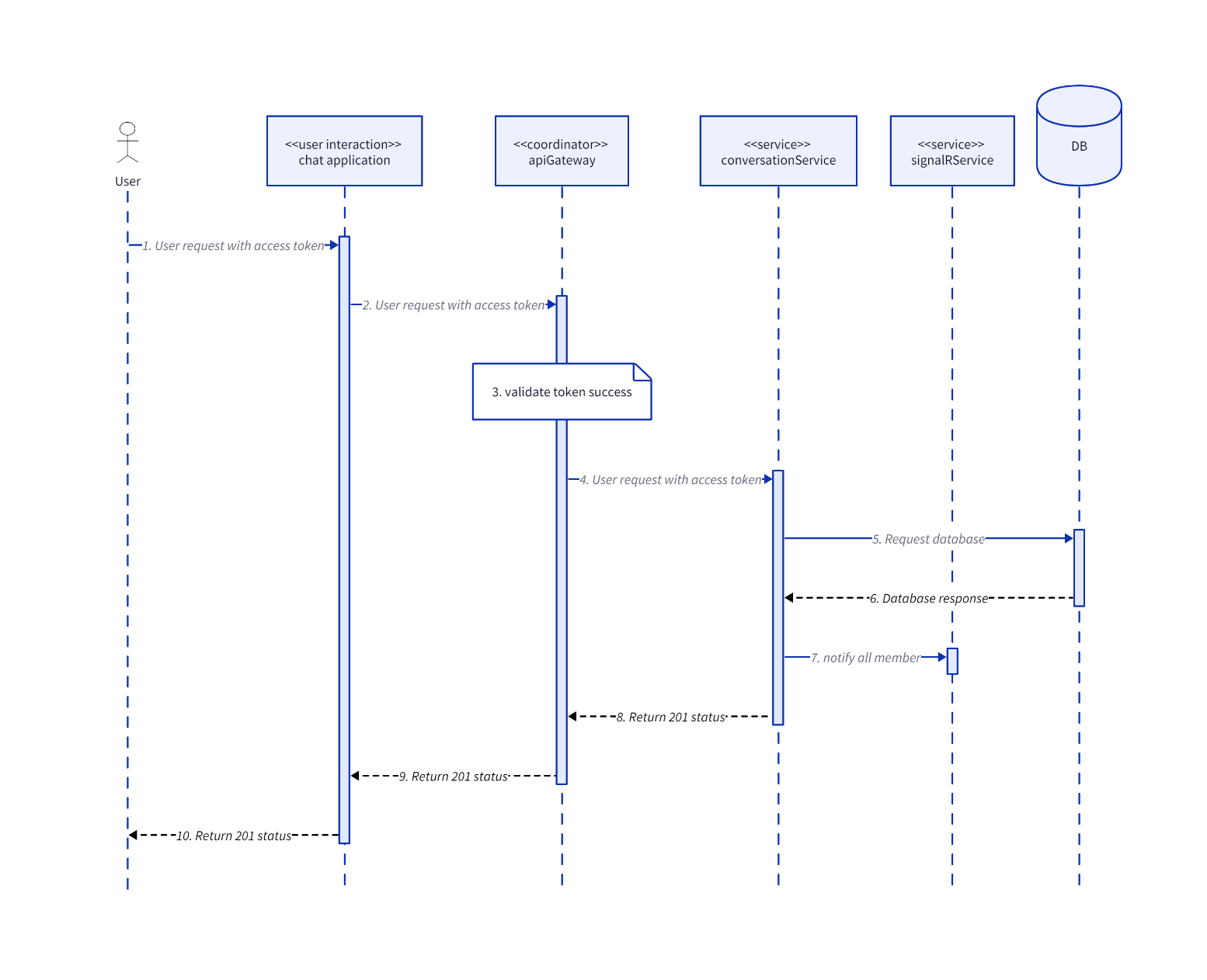
* + 1. **GroupAddUser**

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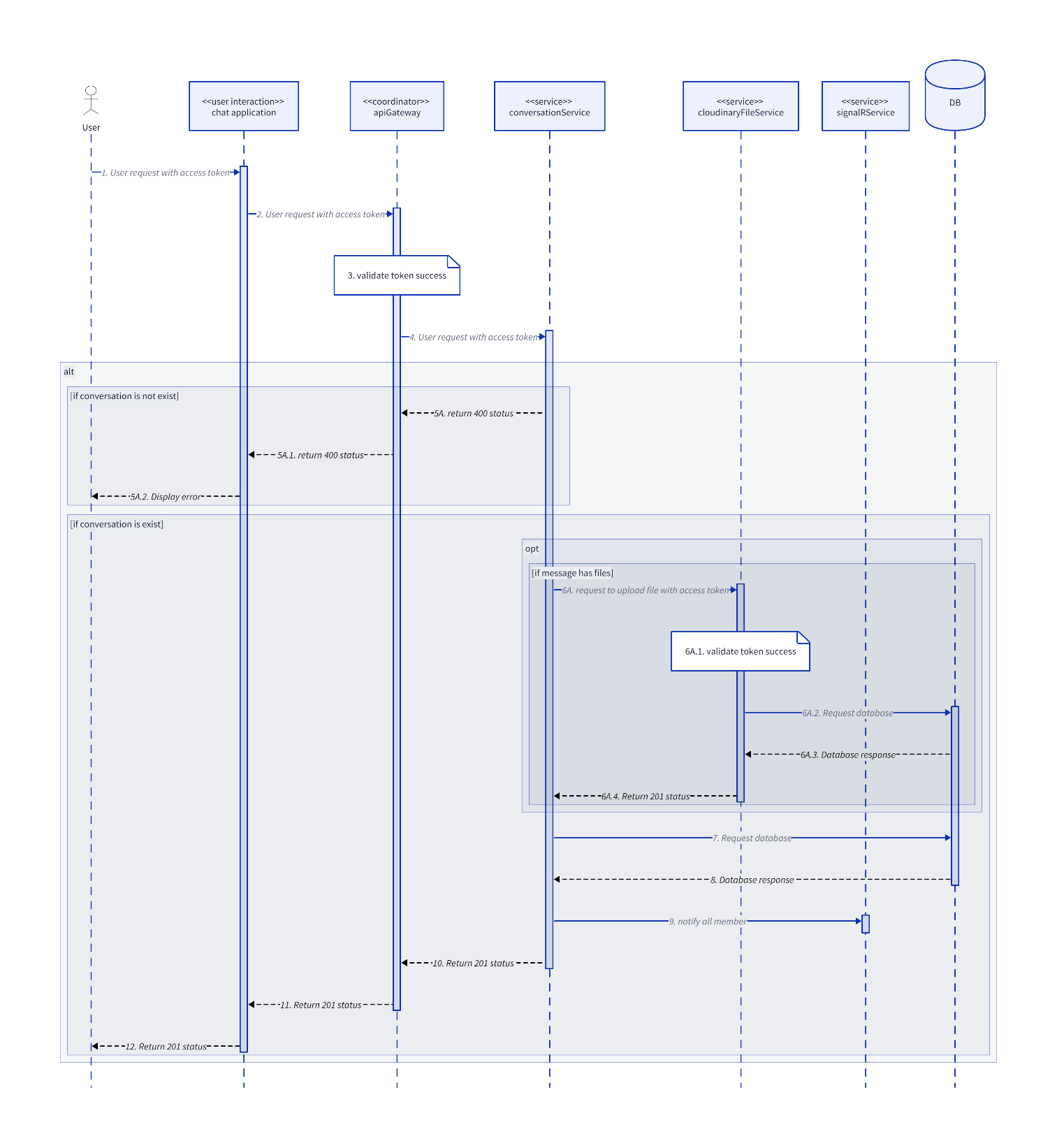
* + 1. **GroupBlockUser**

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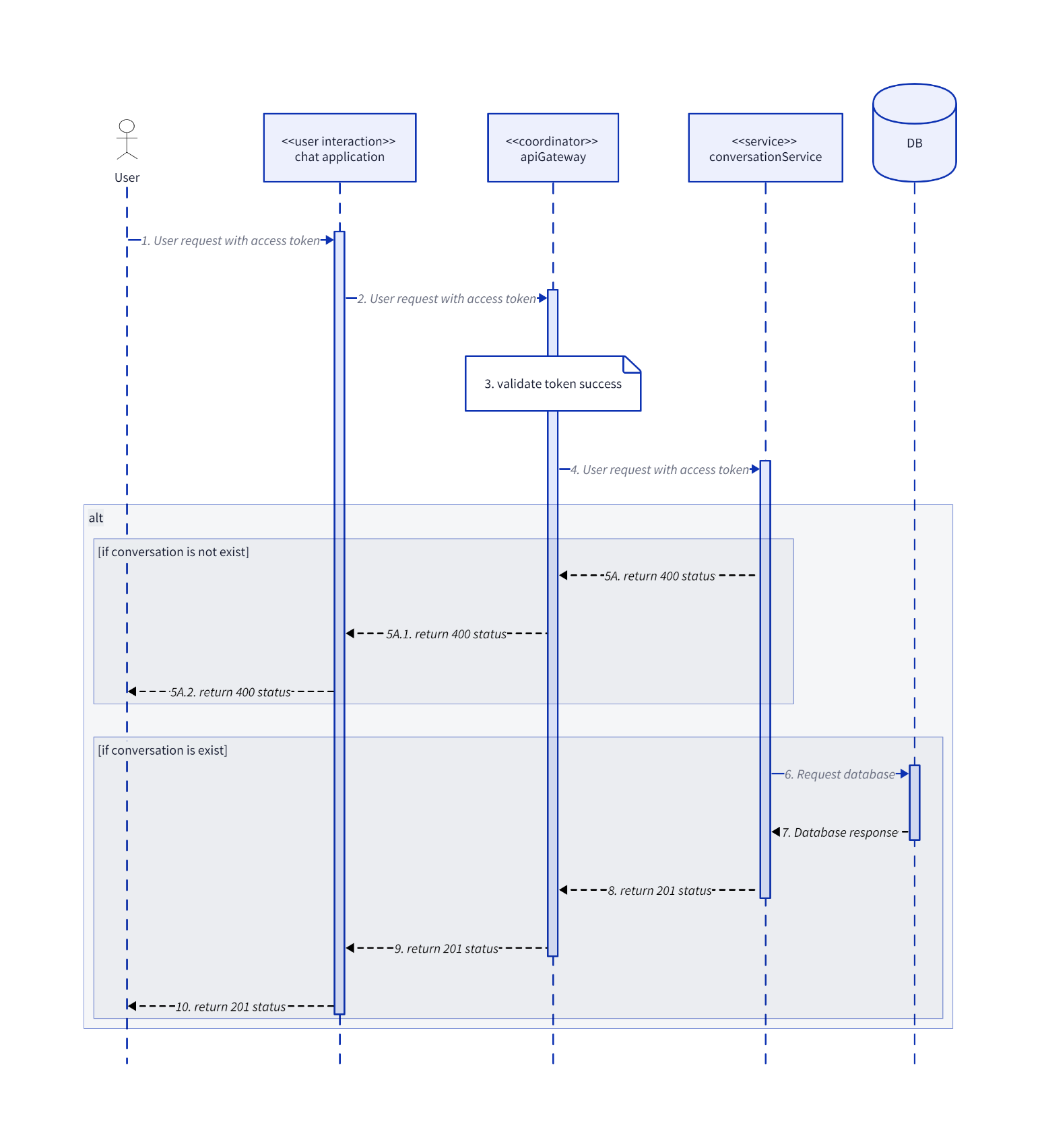
* + 1. **GroupDisband**

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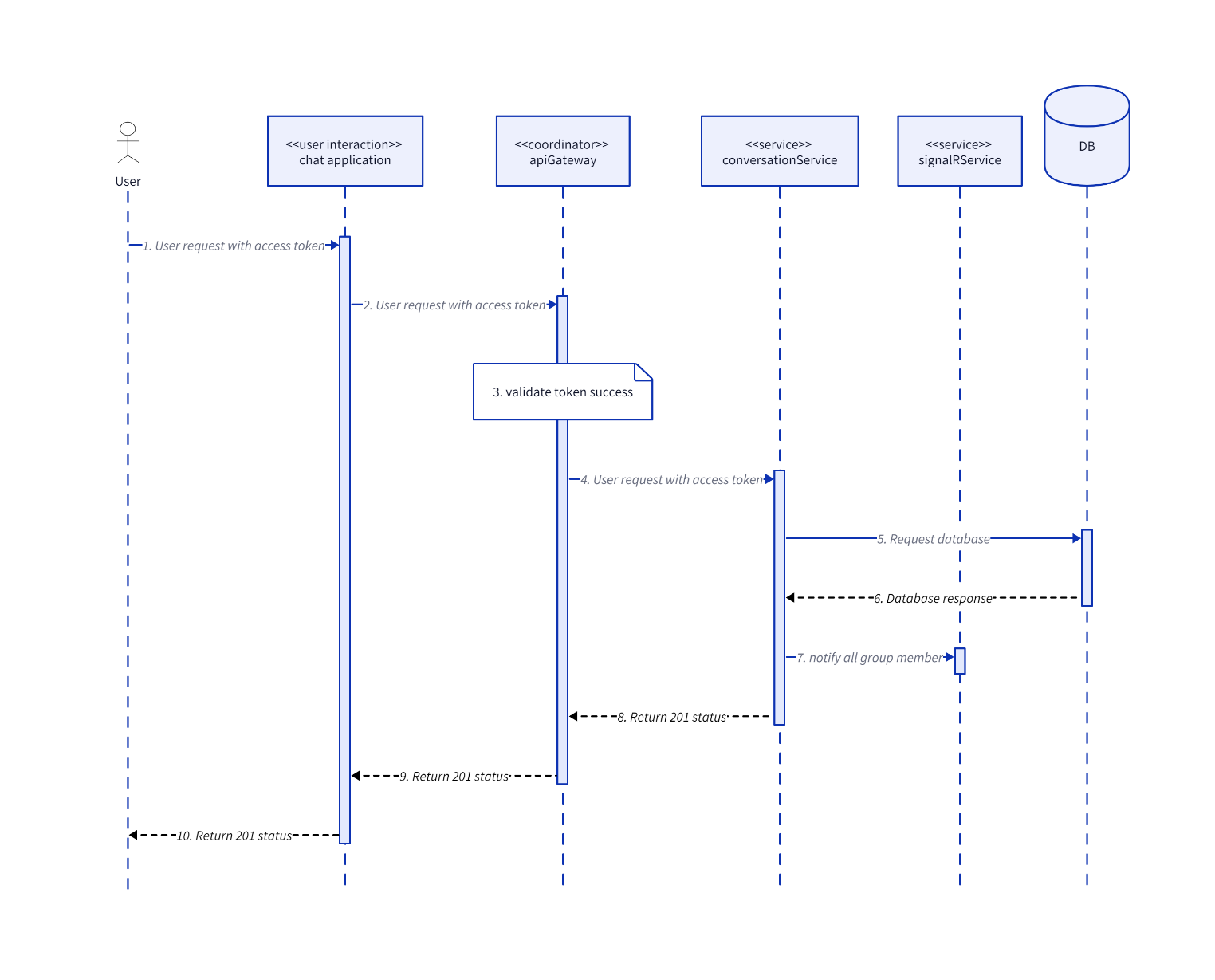
* + 1. **SendClientMessage**

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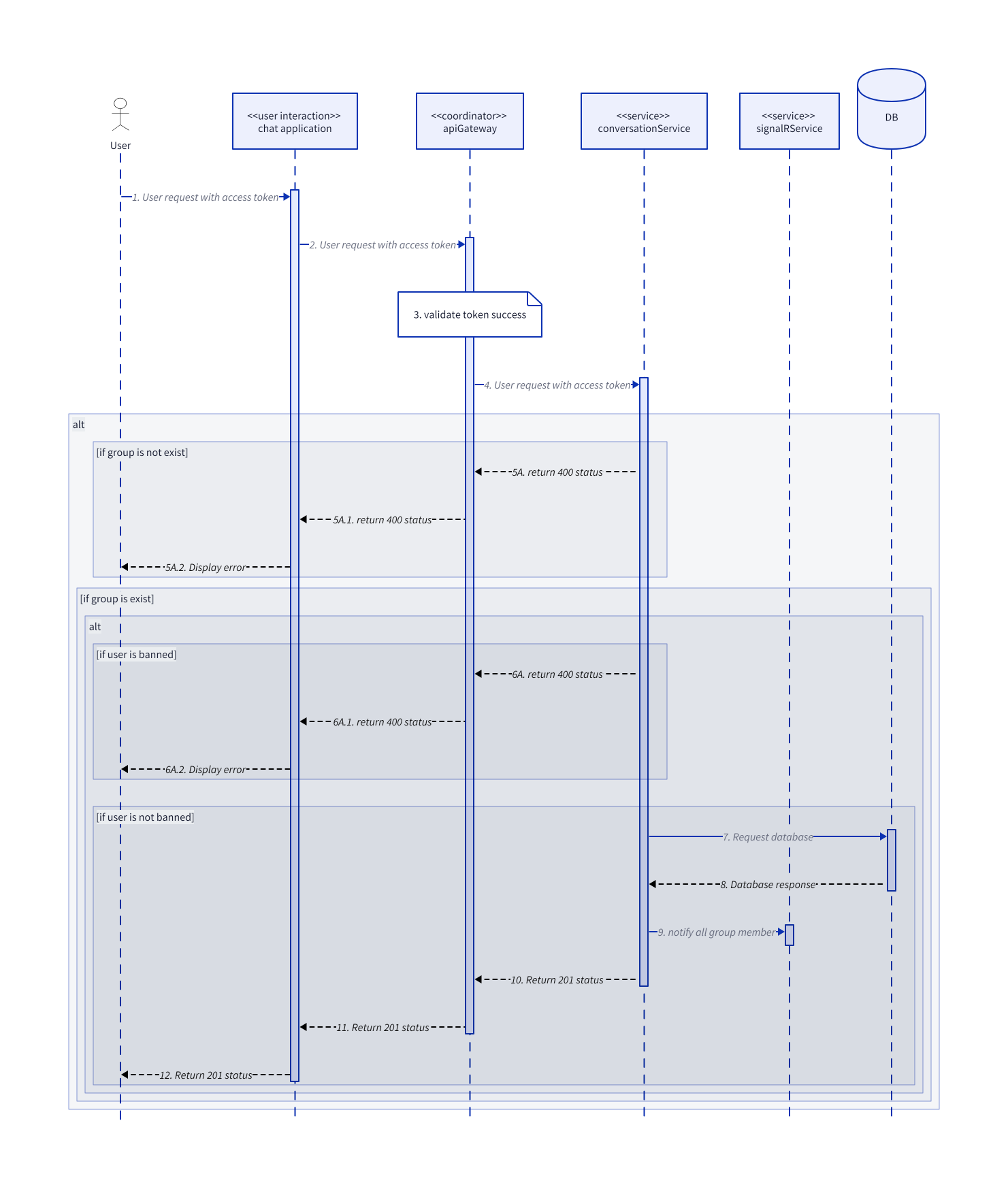
* + 1. **UpdateGroupConversation**

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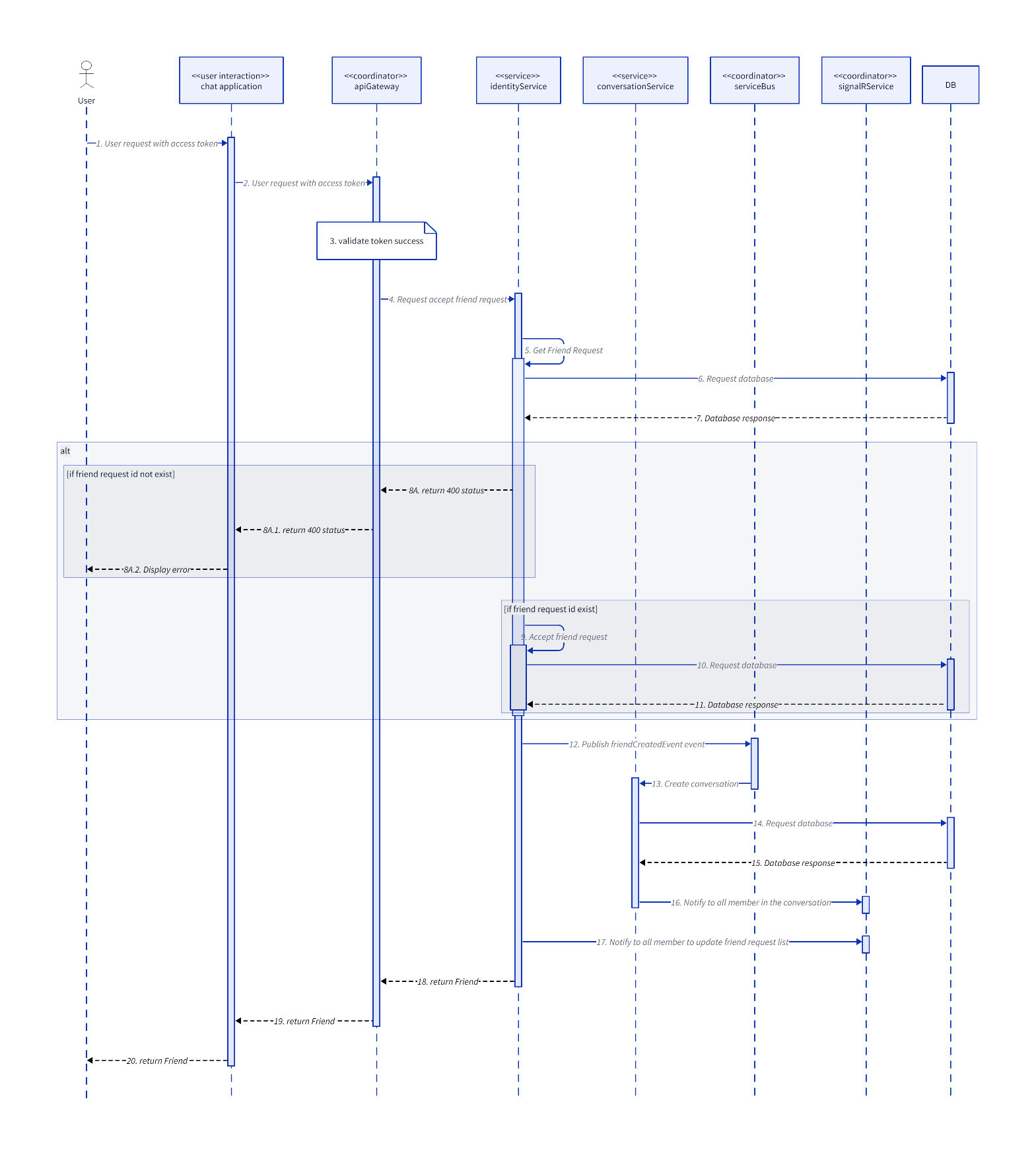
* + 1. **UserExitGroup**

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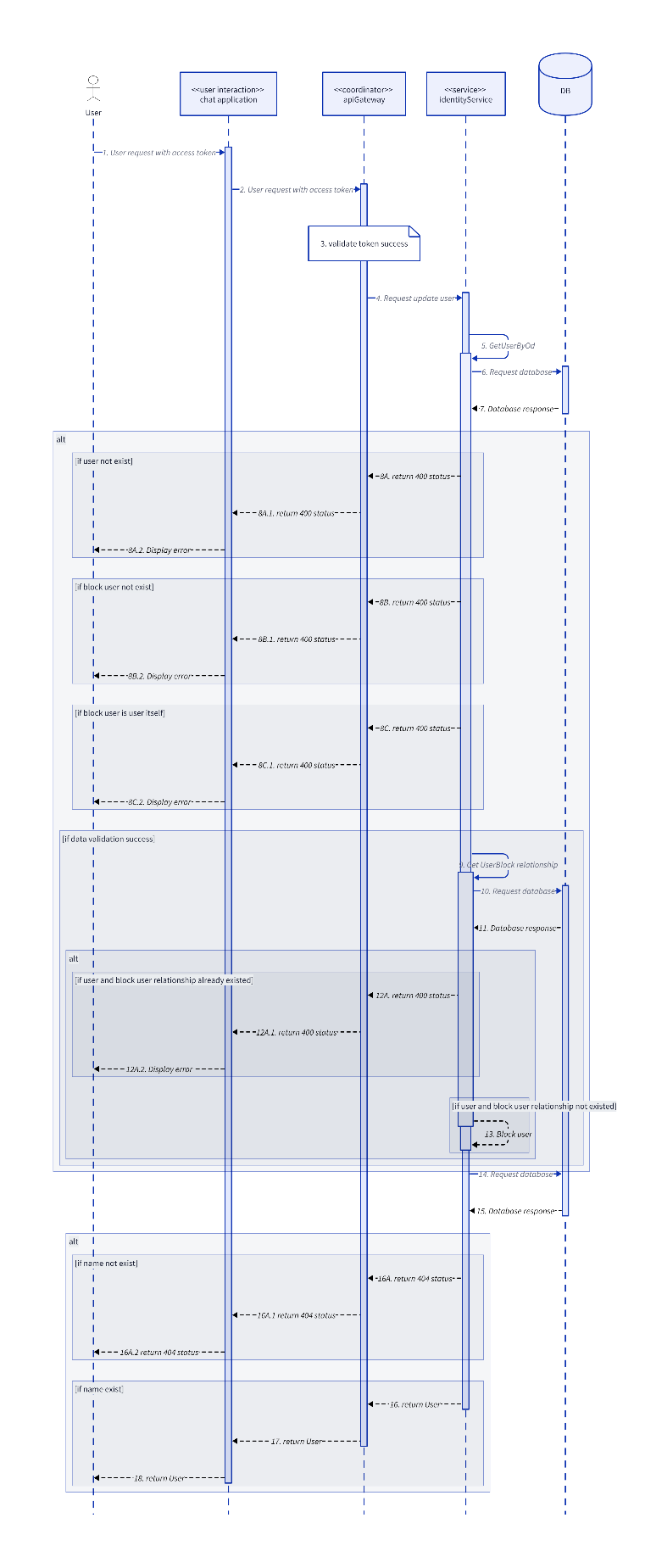
* + 1. **UserJoinGroup**

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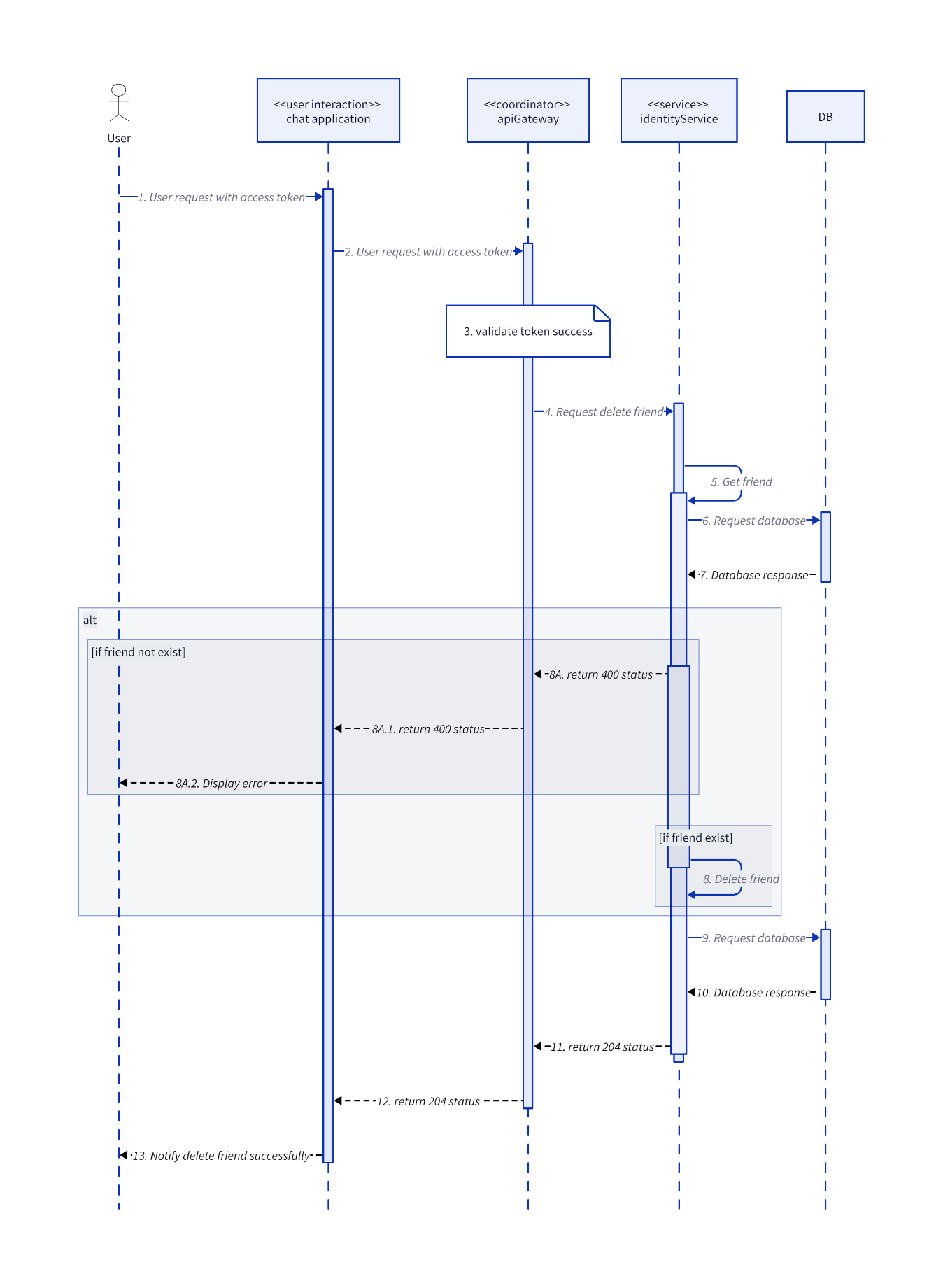
* 1. **Identity**
     1. **AcceptFriendRequest**

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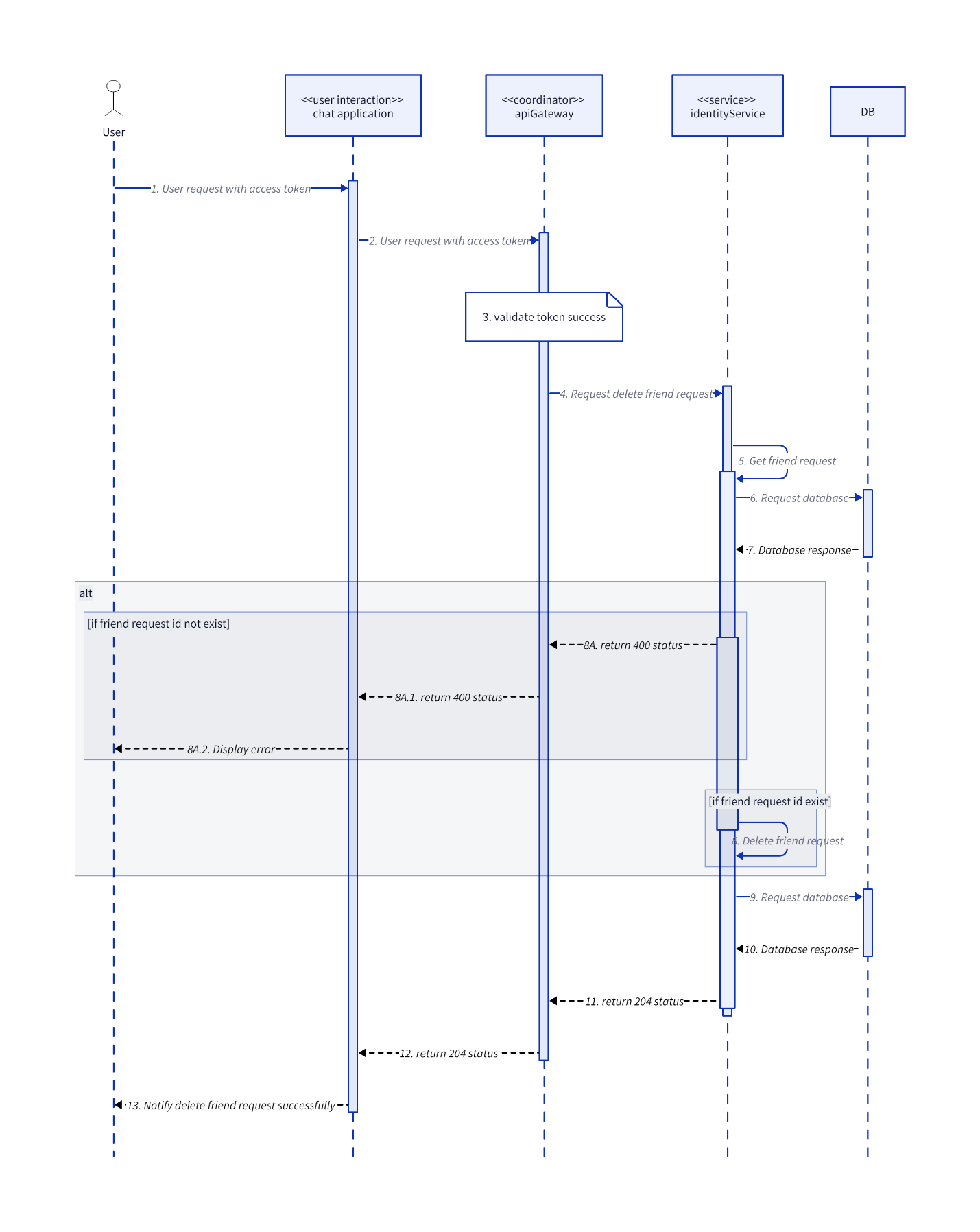
* + 1. **BlockUser**



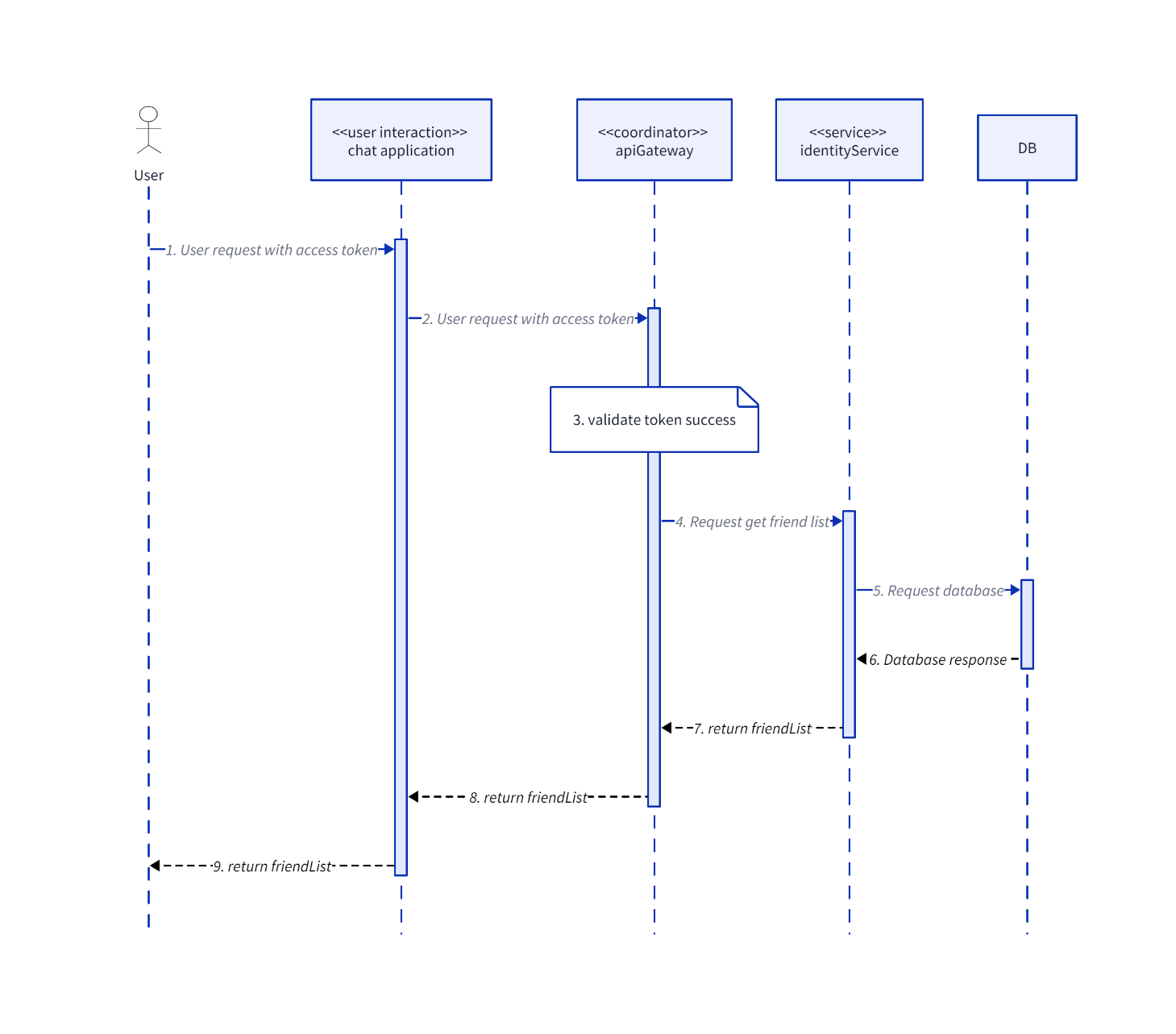
* + 1. **DeleteFriend**

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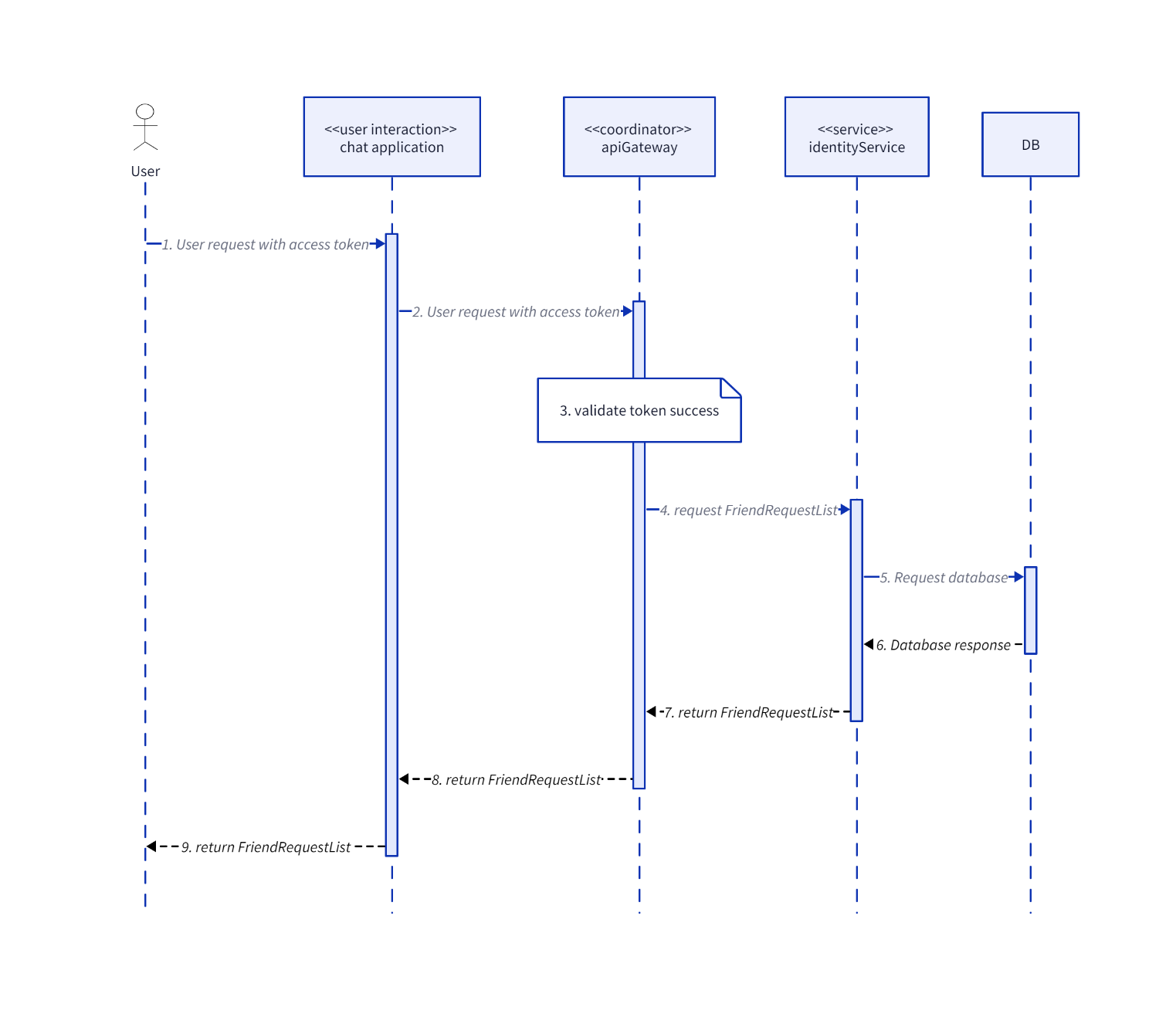
* + 1. **DeleteFriendRequest**

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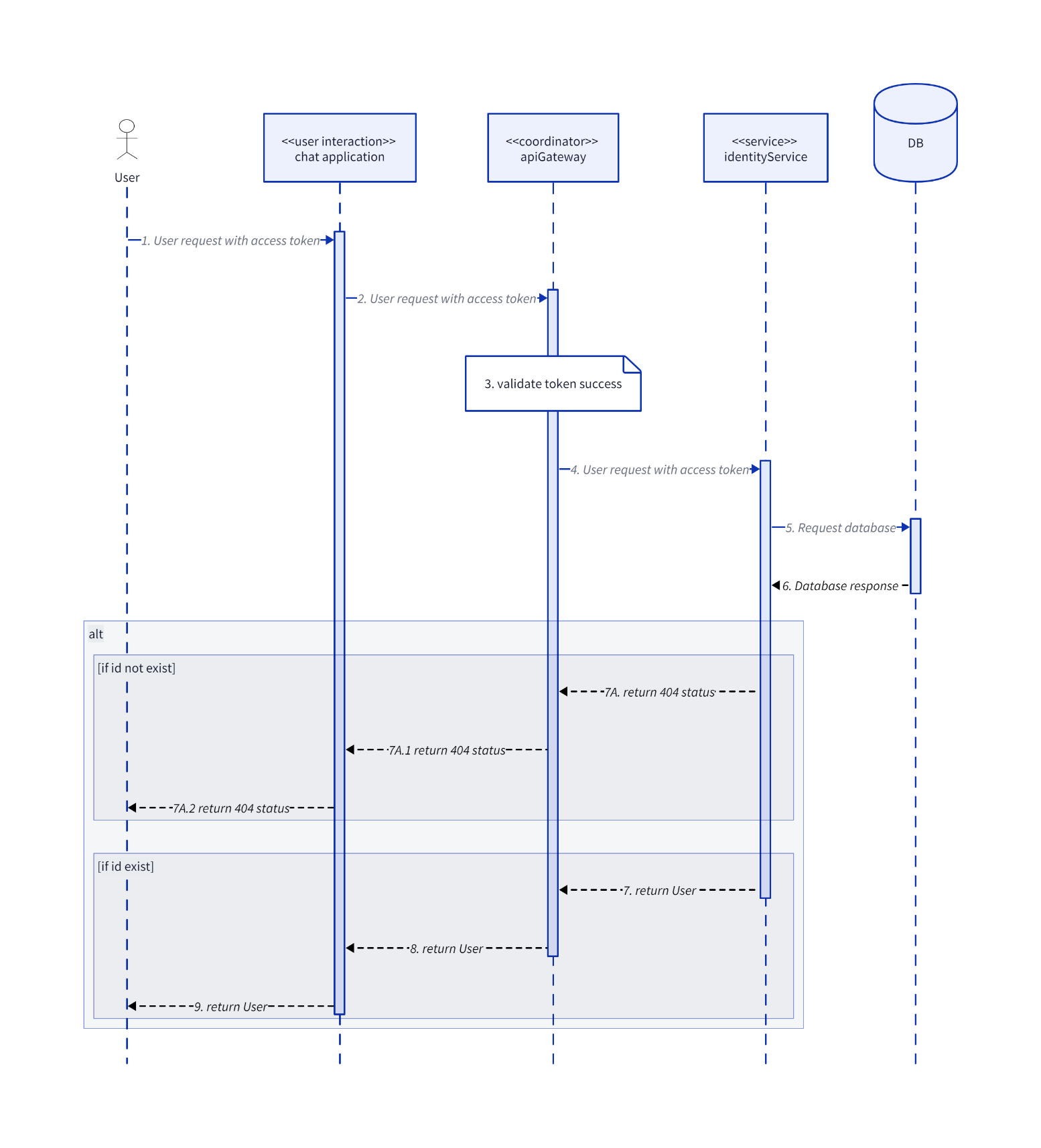
* + 1. **GetFriendListByUserId**

****

* + 1. **GetFriendRequestByUserId**

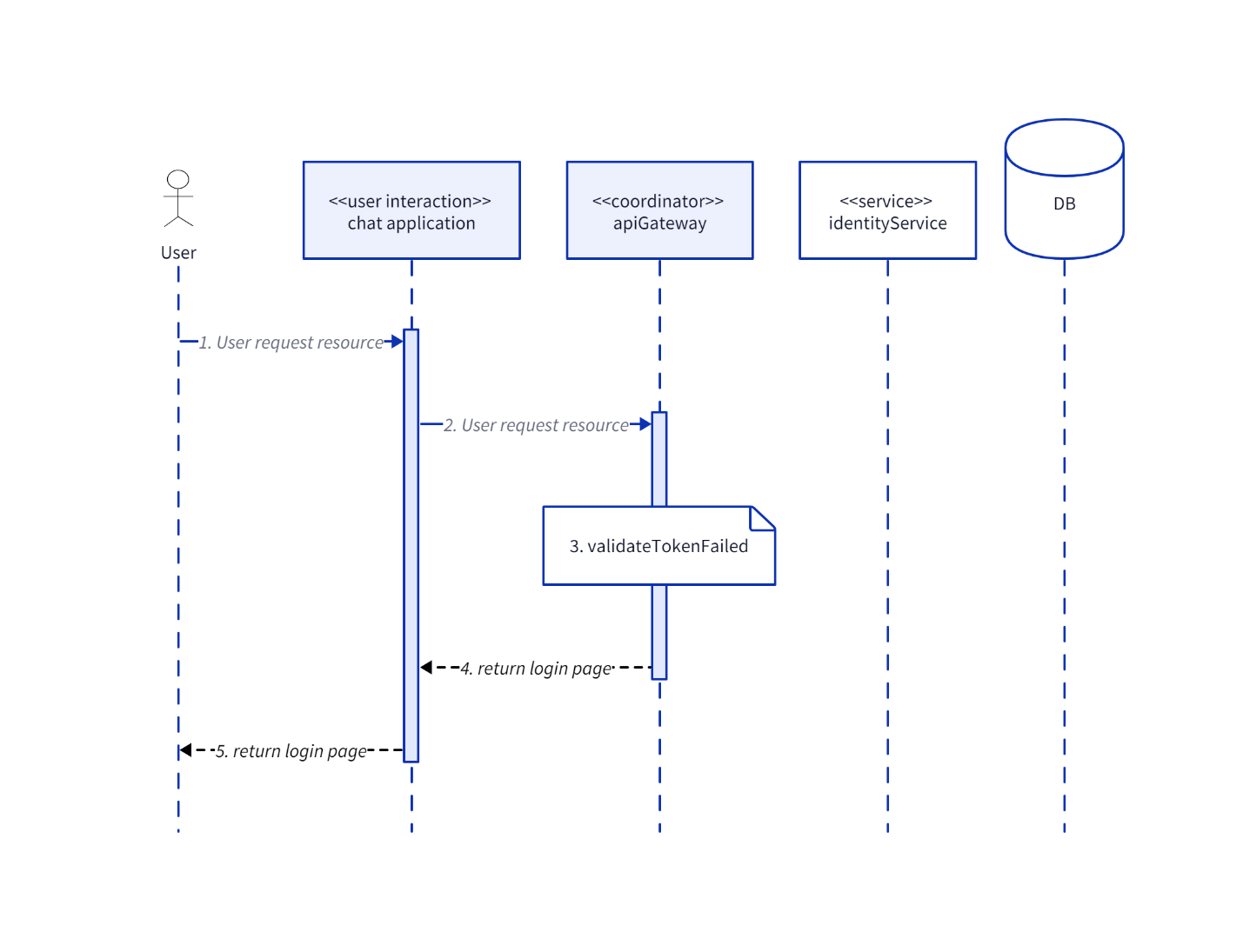
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* + 1. **GetUserById**

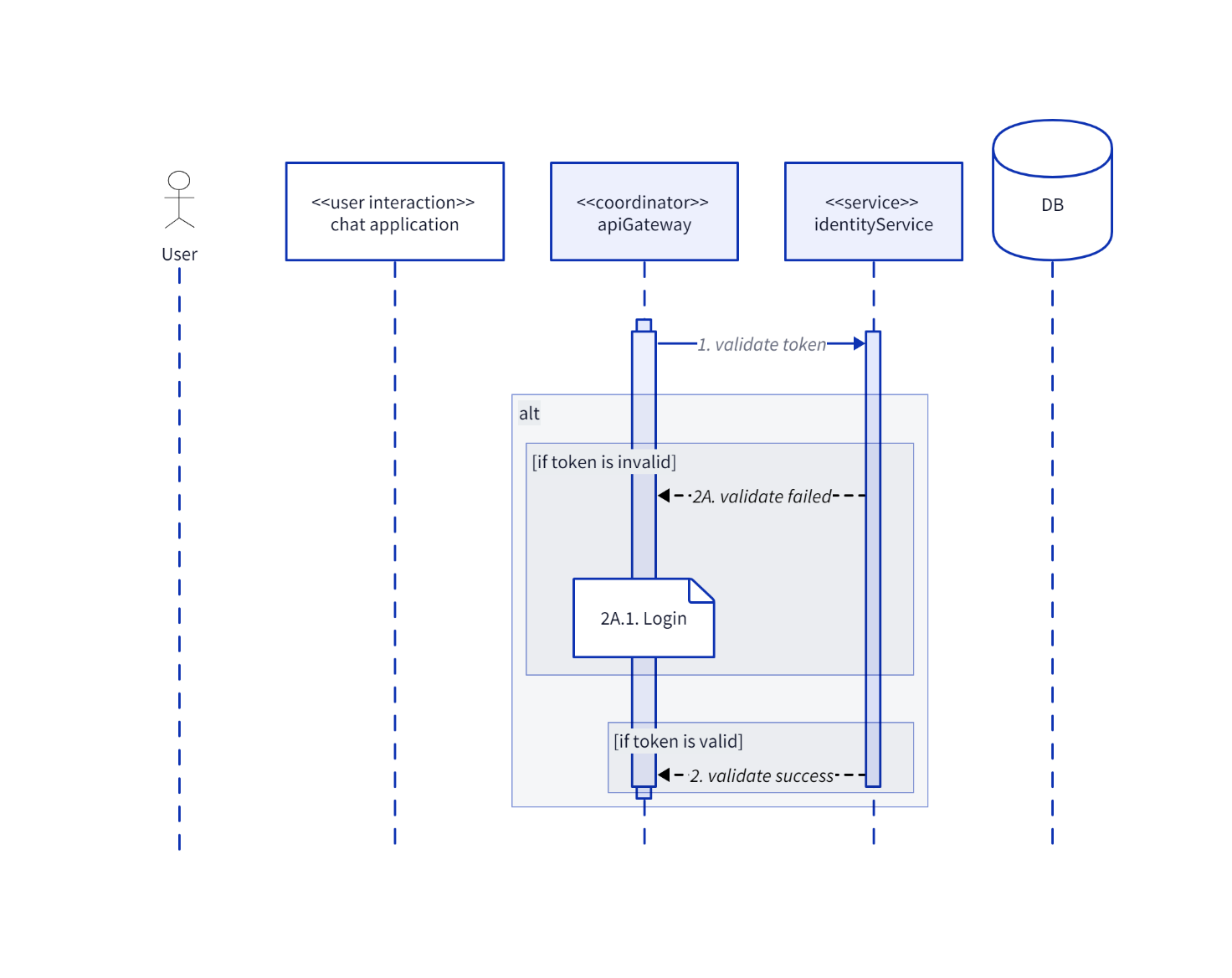
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* + 1. **HelperSequenceDiagram**

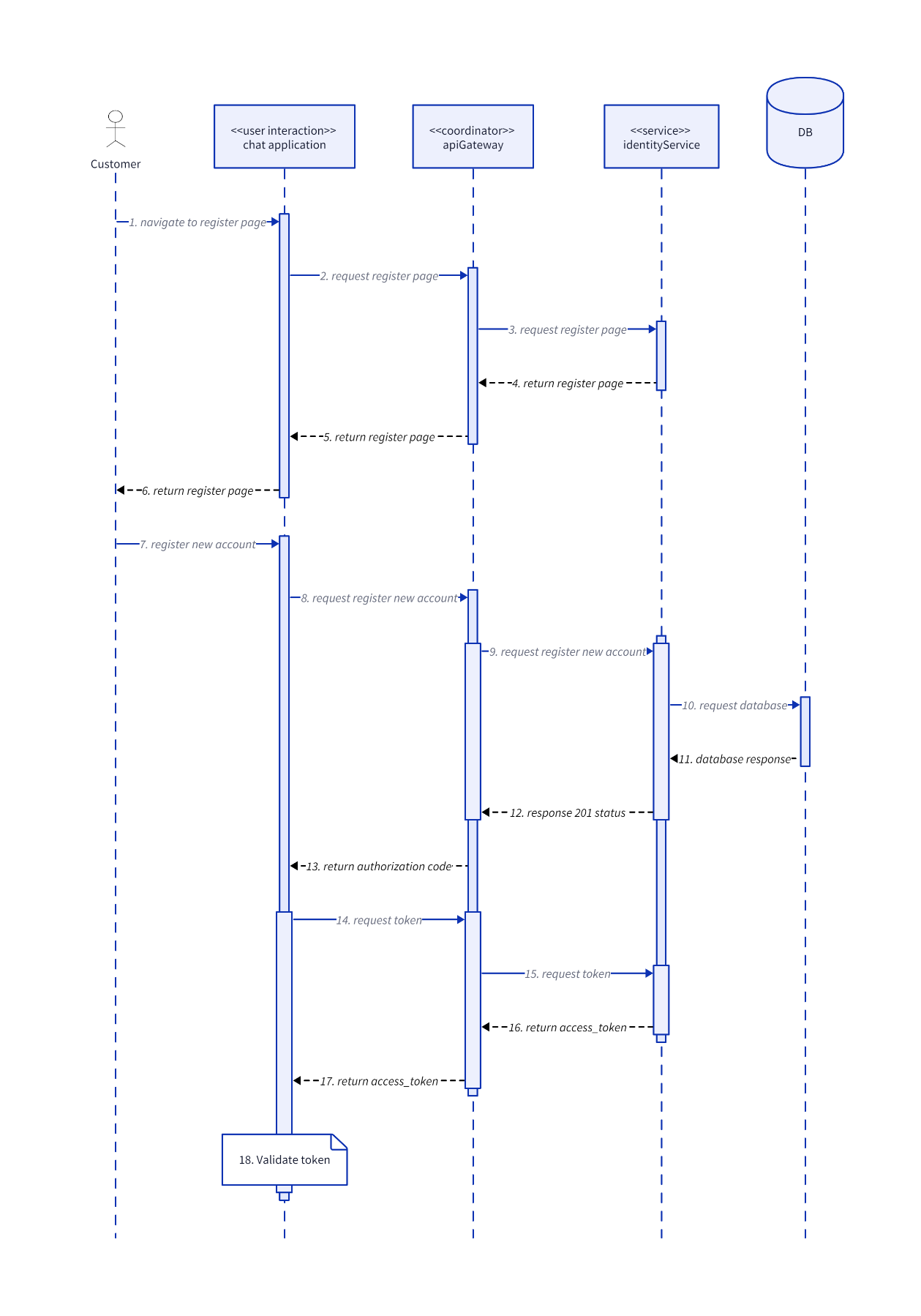
**UserUnauthorized**

****

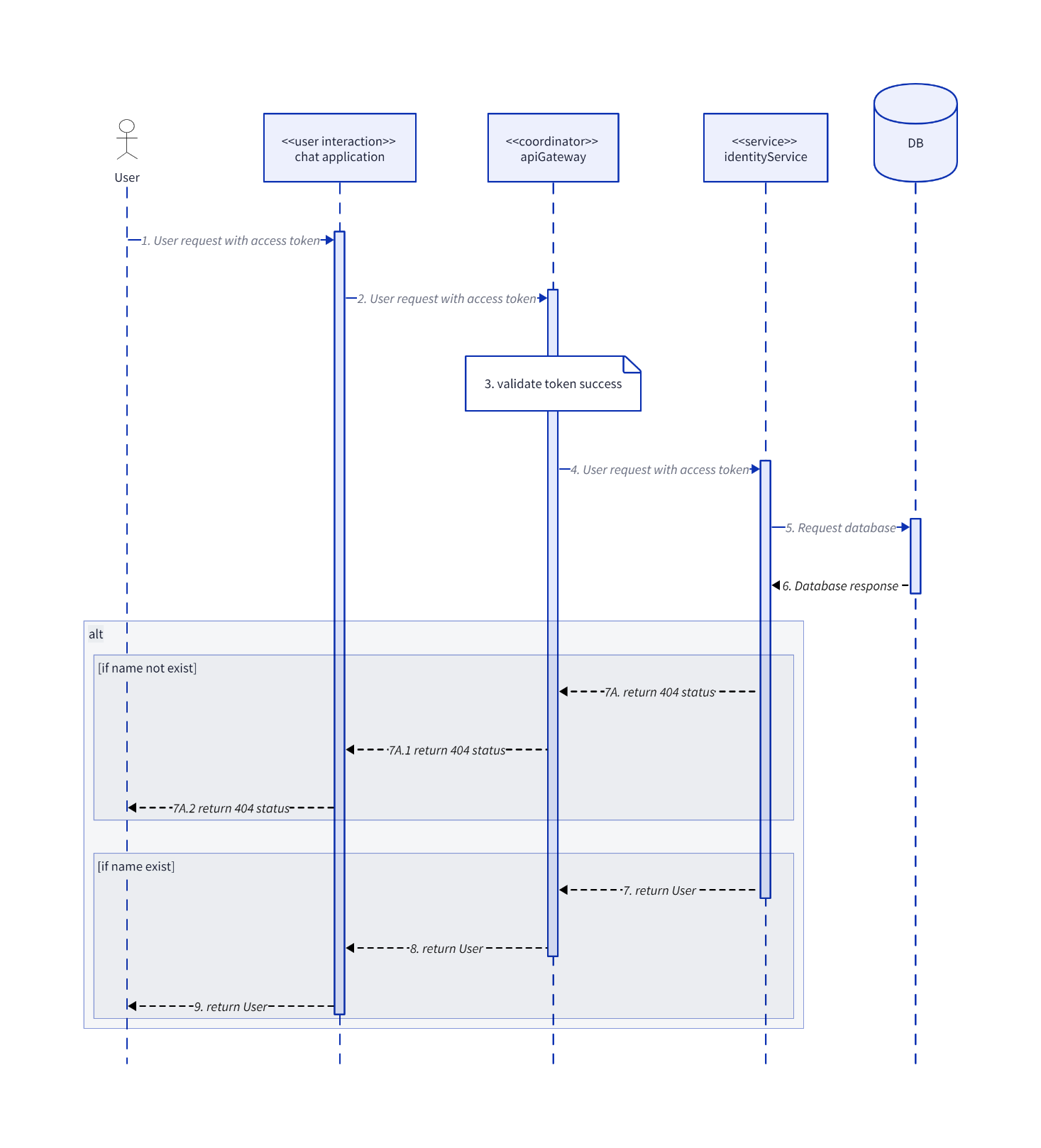
**ValidateToken**

****

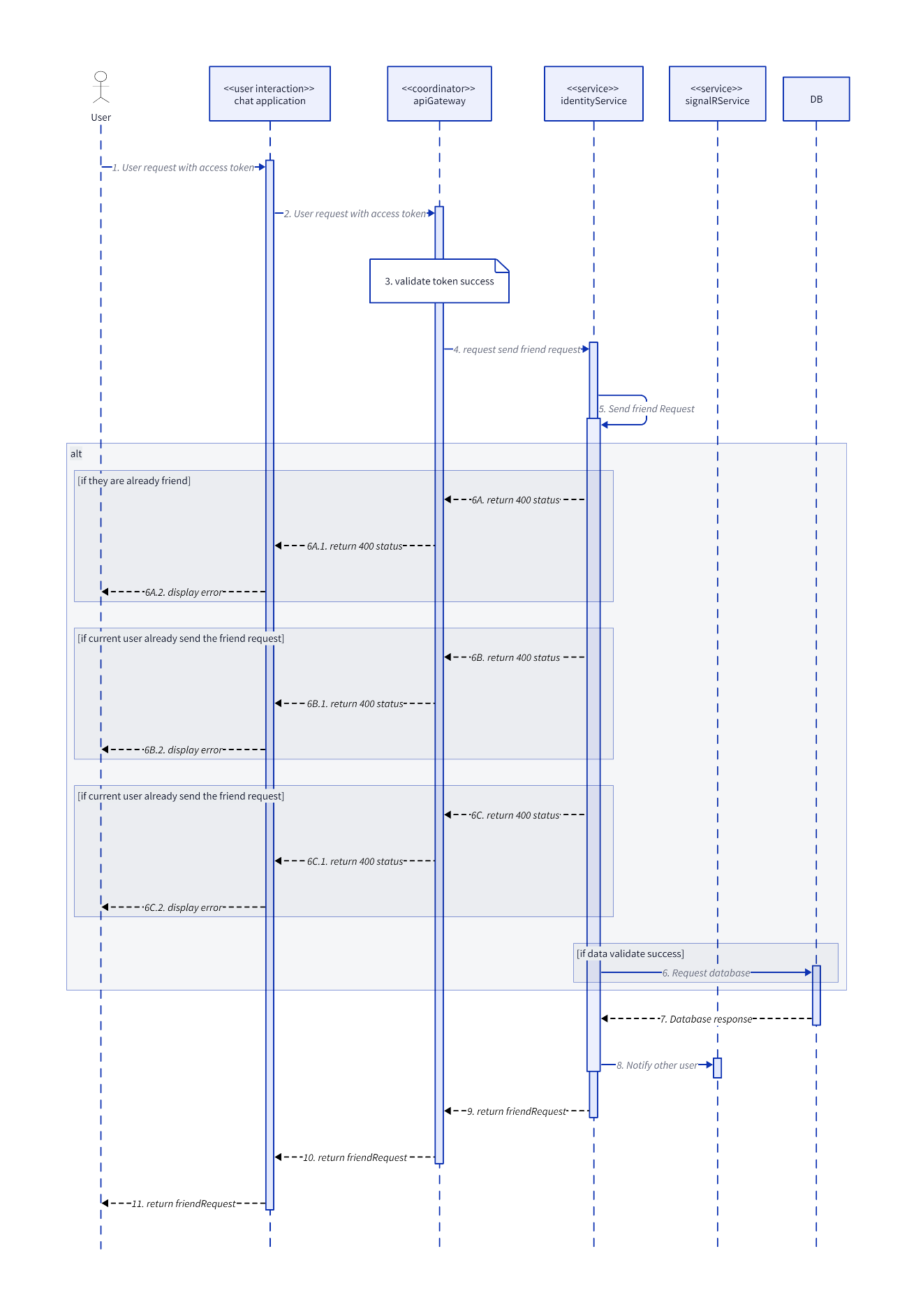
* + 1. **Login**
    2. **Register**

****

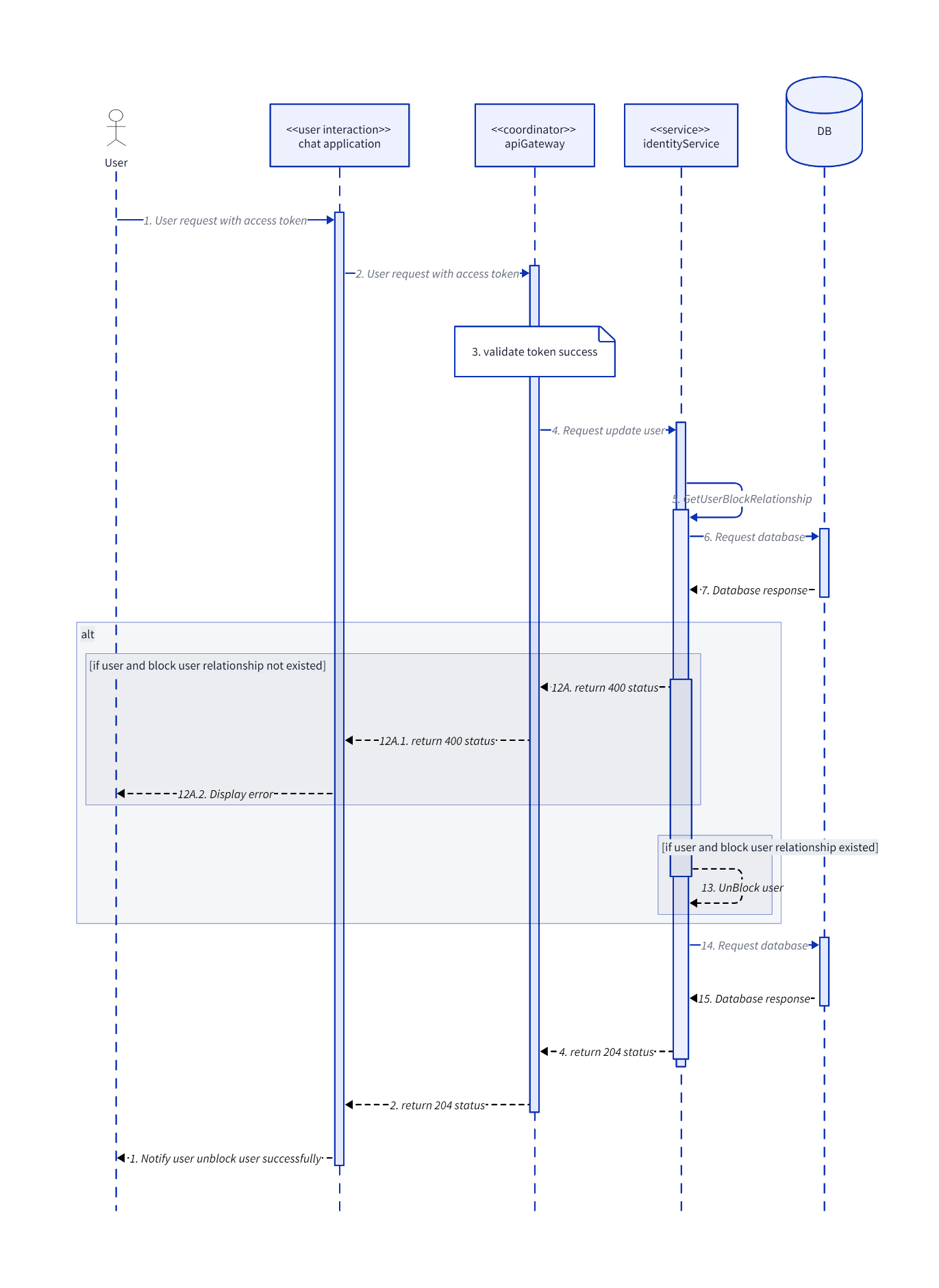
* + 1. **SearchUser**

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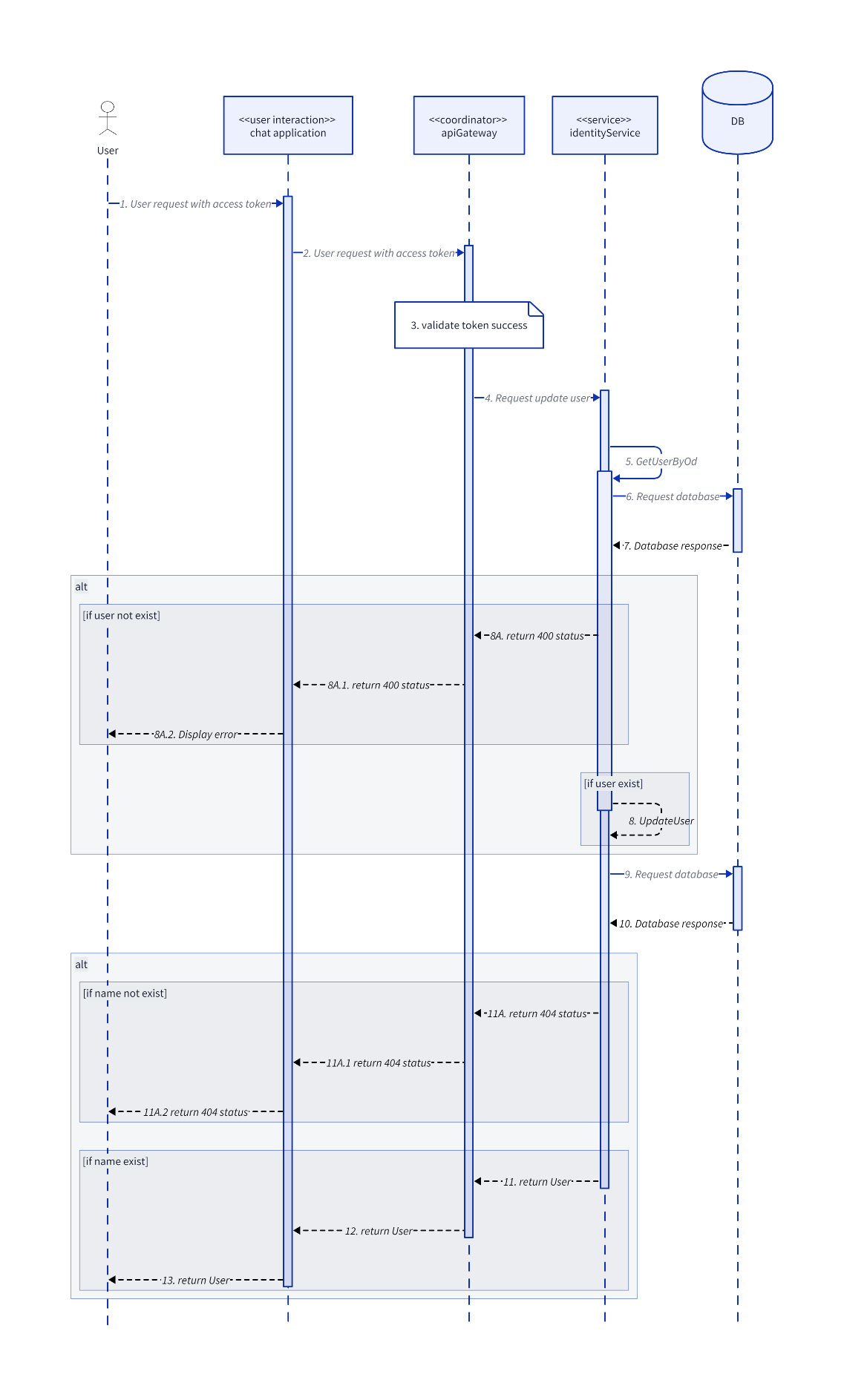
* + 1. **SendFriendRequest**

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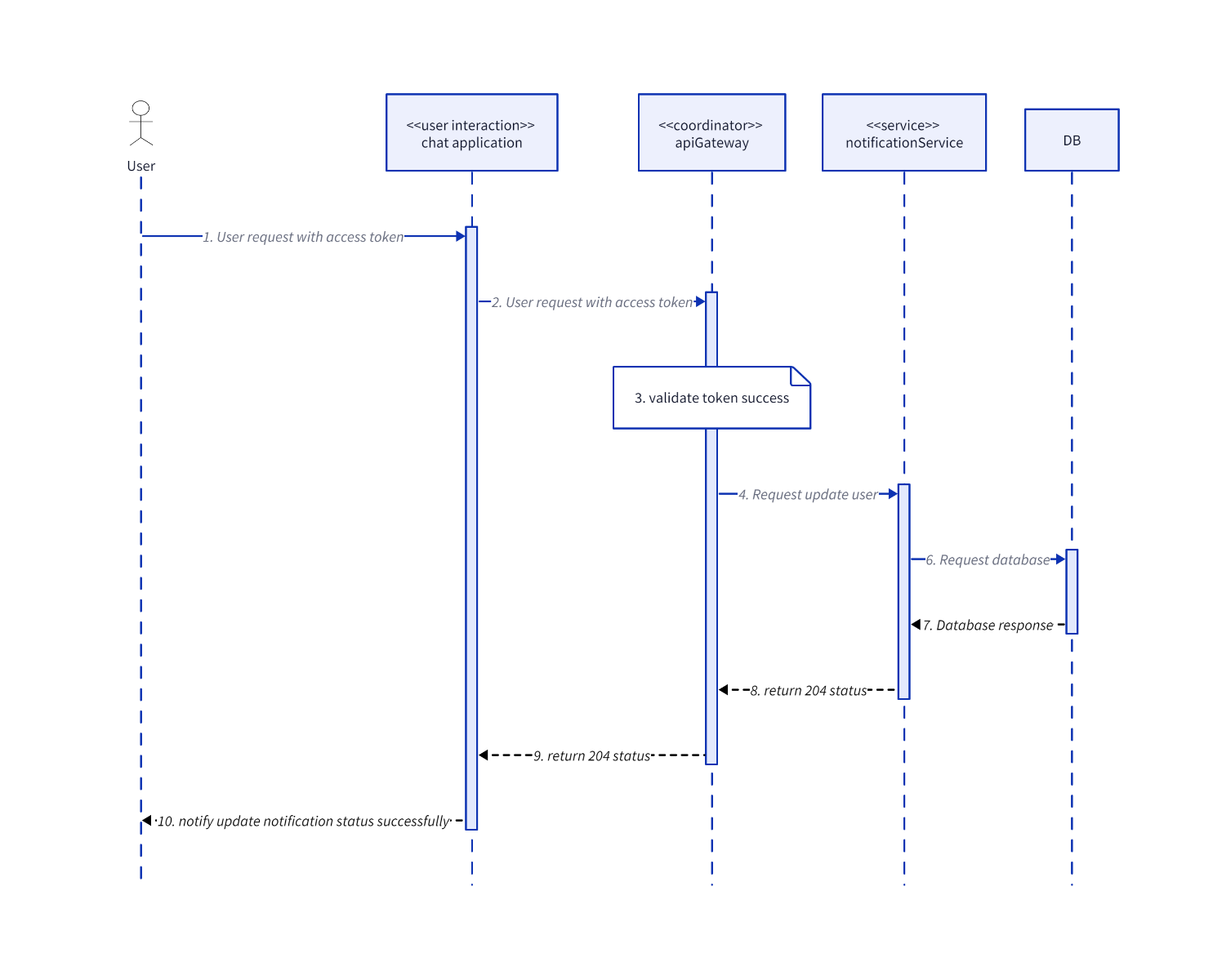
* + 1. **UnblockUser**

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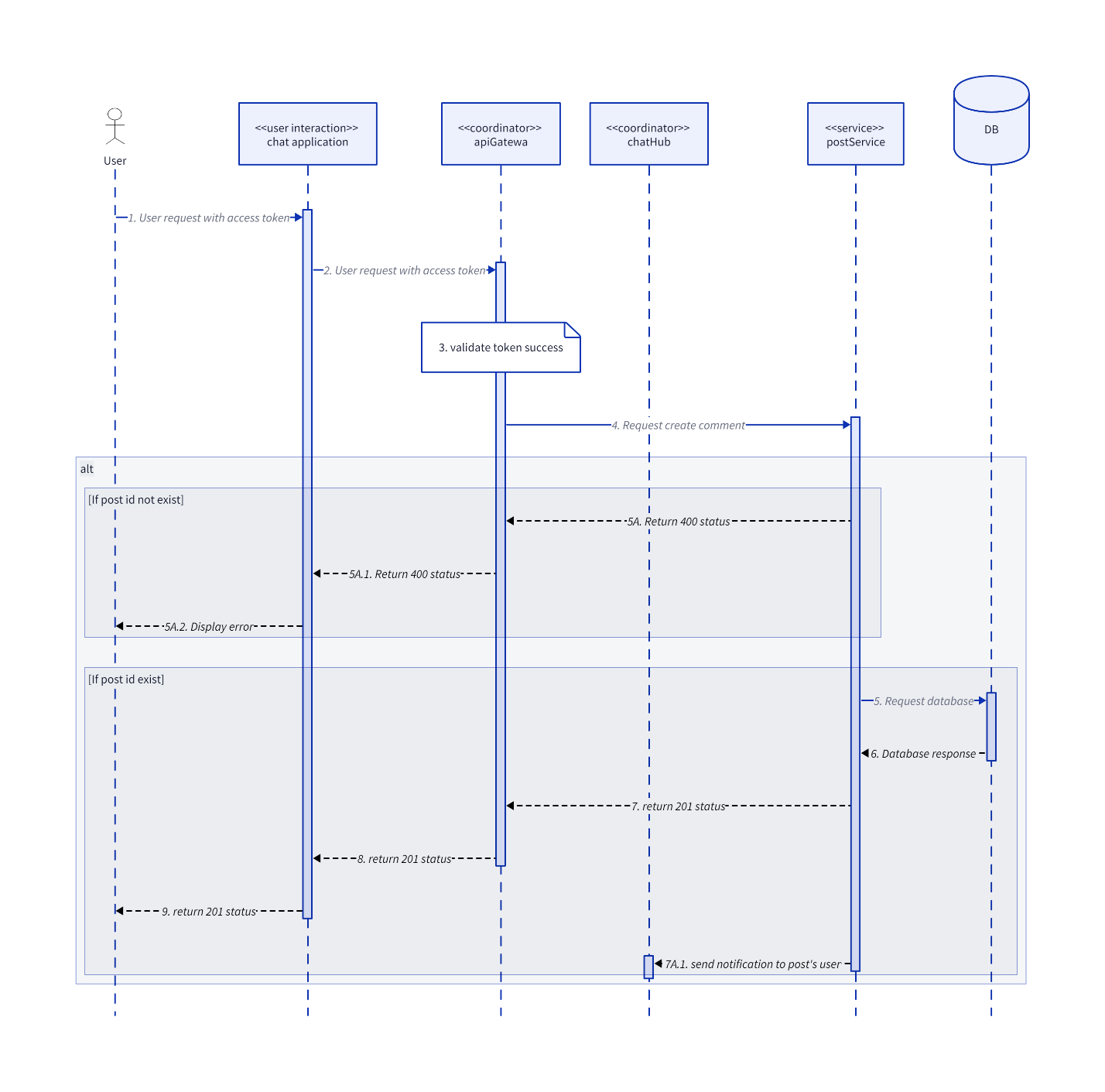
* + 1. **UpdateUser**

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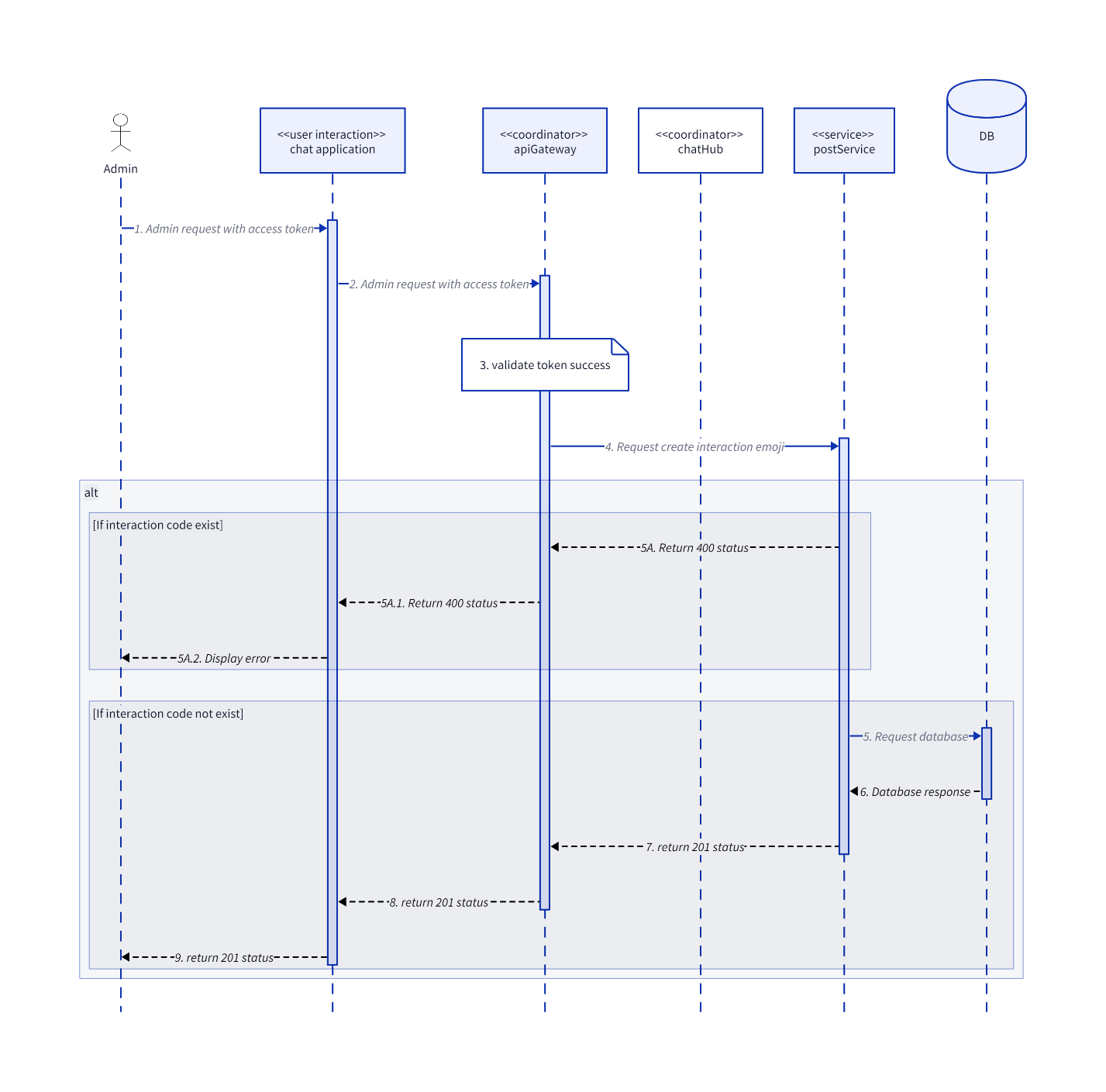
* 1. **Notification**
     1. **UpdateNotificationStatus**

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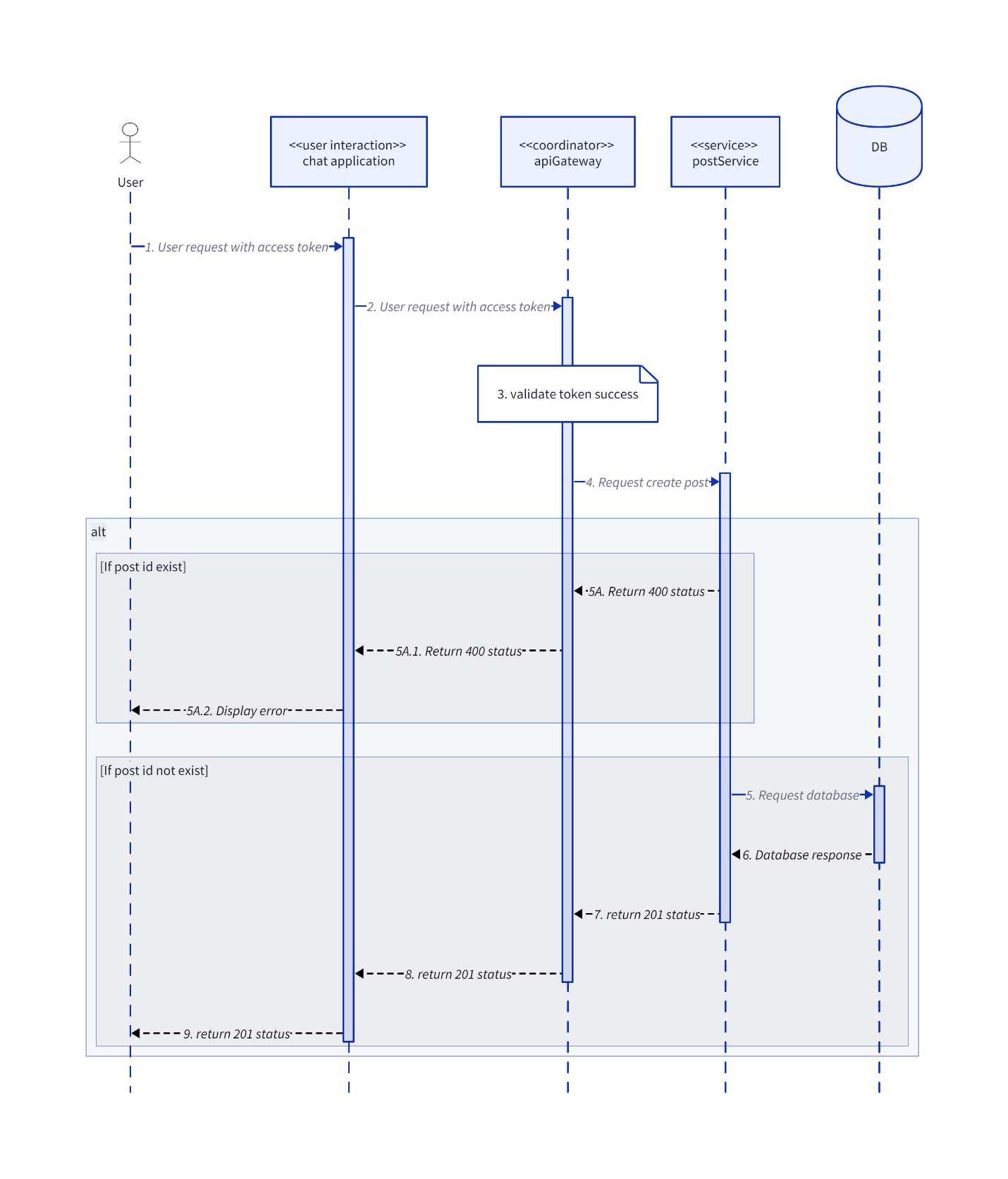
* 1. **Post**
     1. **CreateComment**

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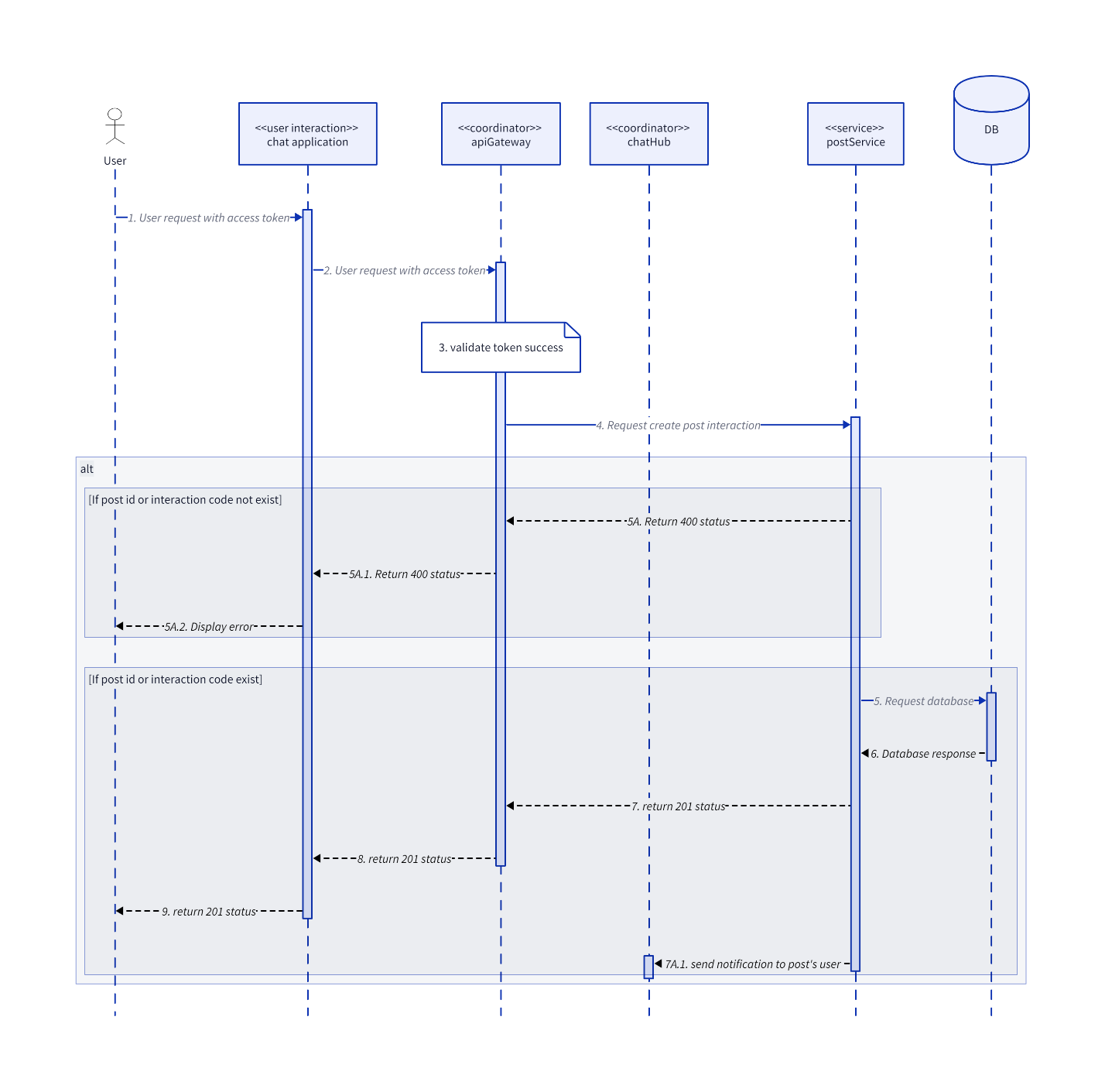
* + 1. **CreateInteractionEmoji**

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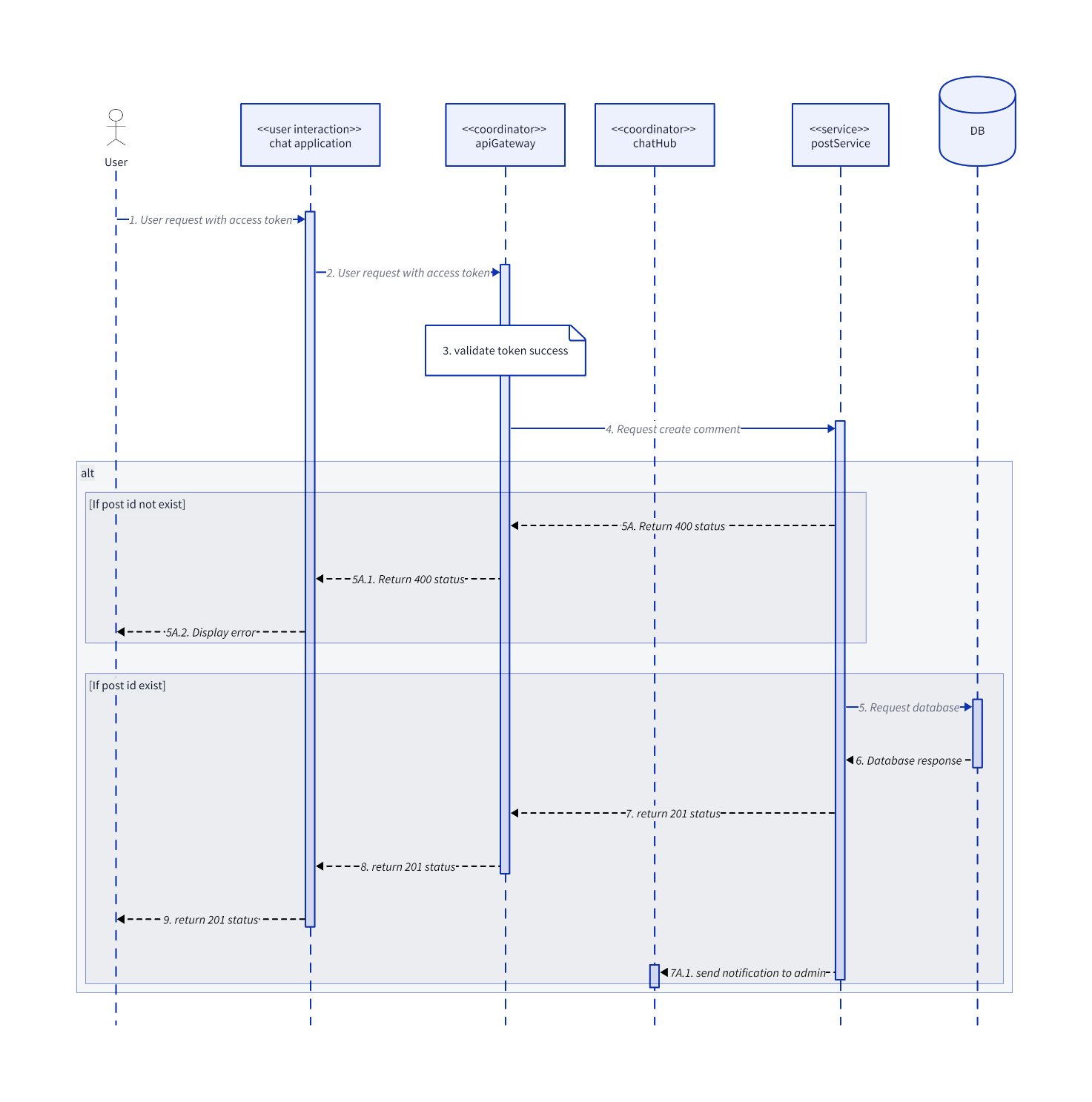
* + 1. **CreatePost**

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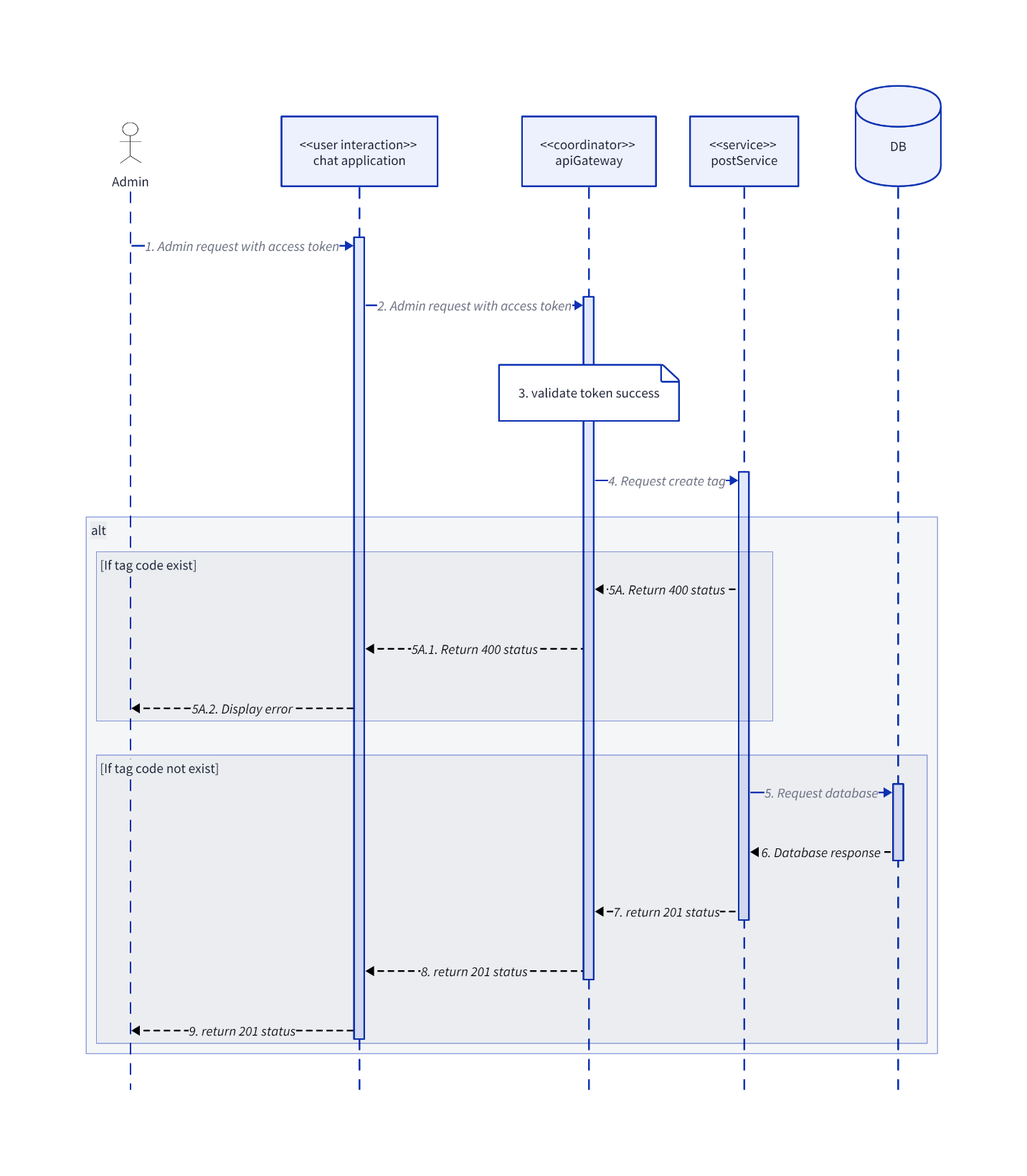
* + 1. **CreatePostInteraction**

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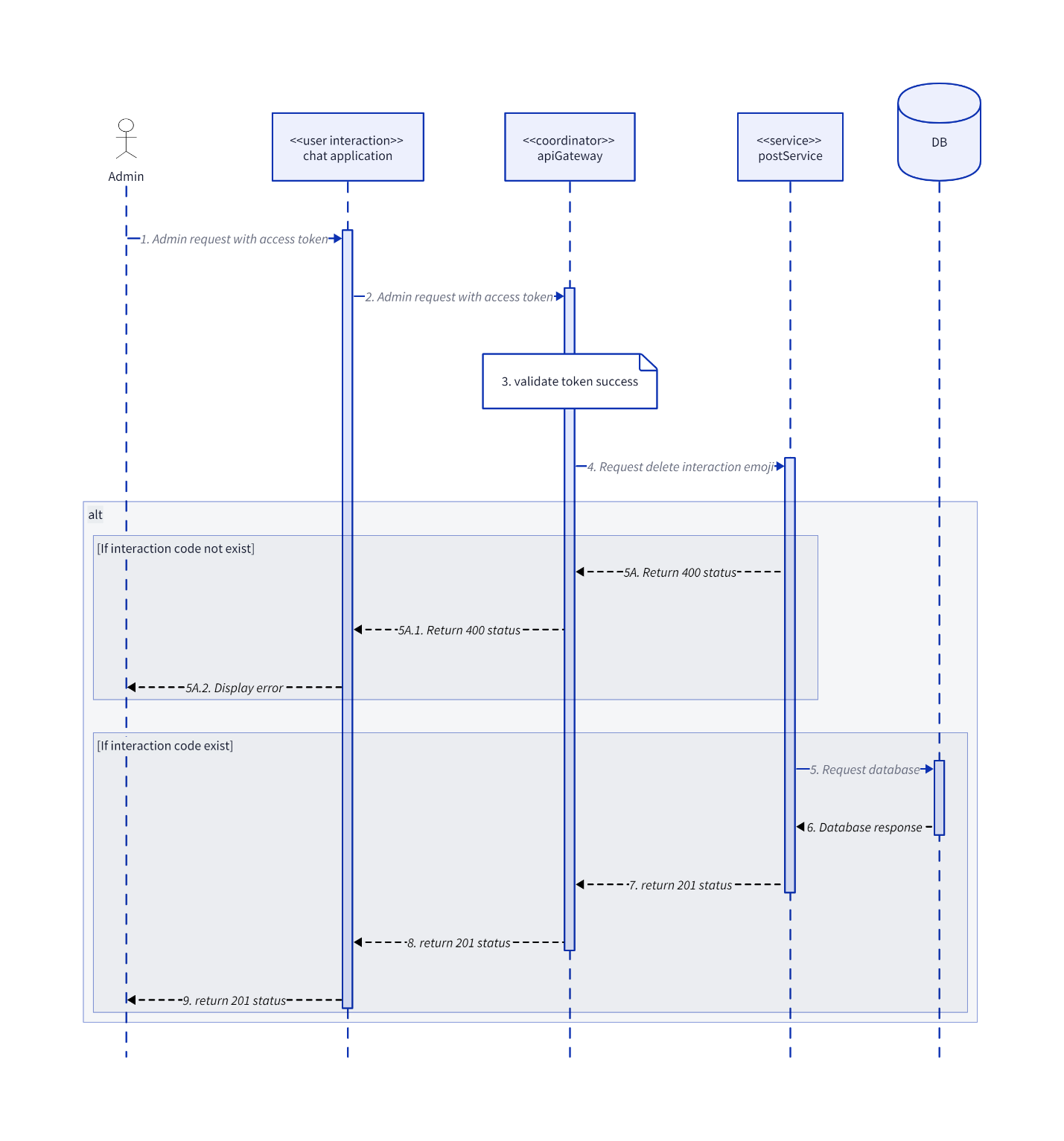
* + 1. **CreatePostReport**

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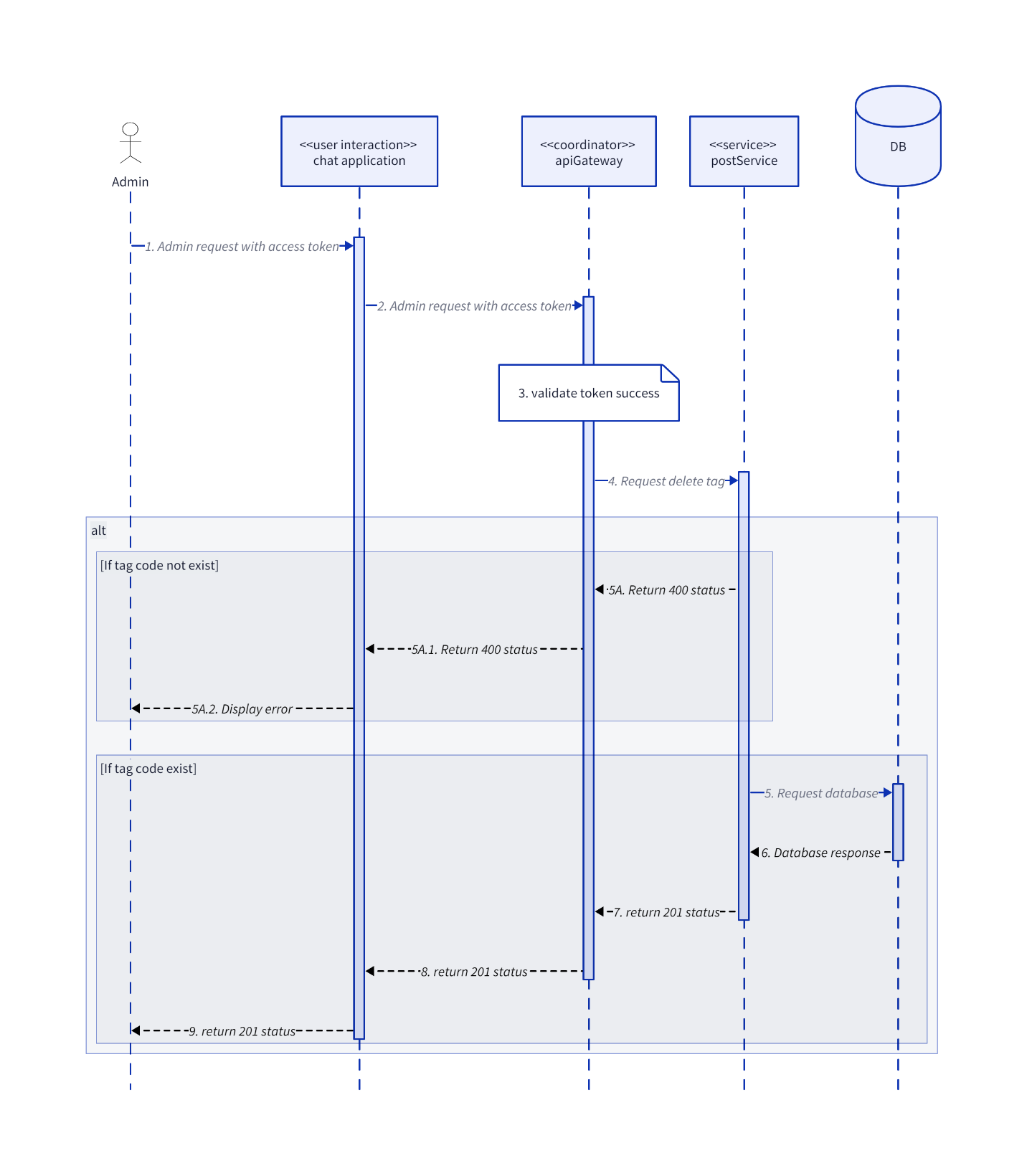
* + 1. **CreateTag**

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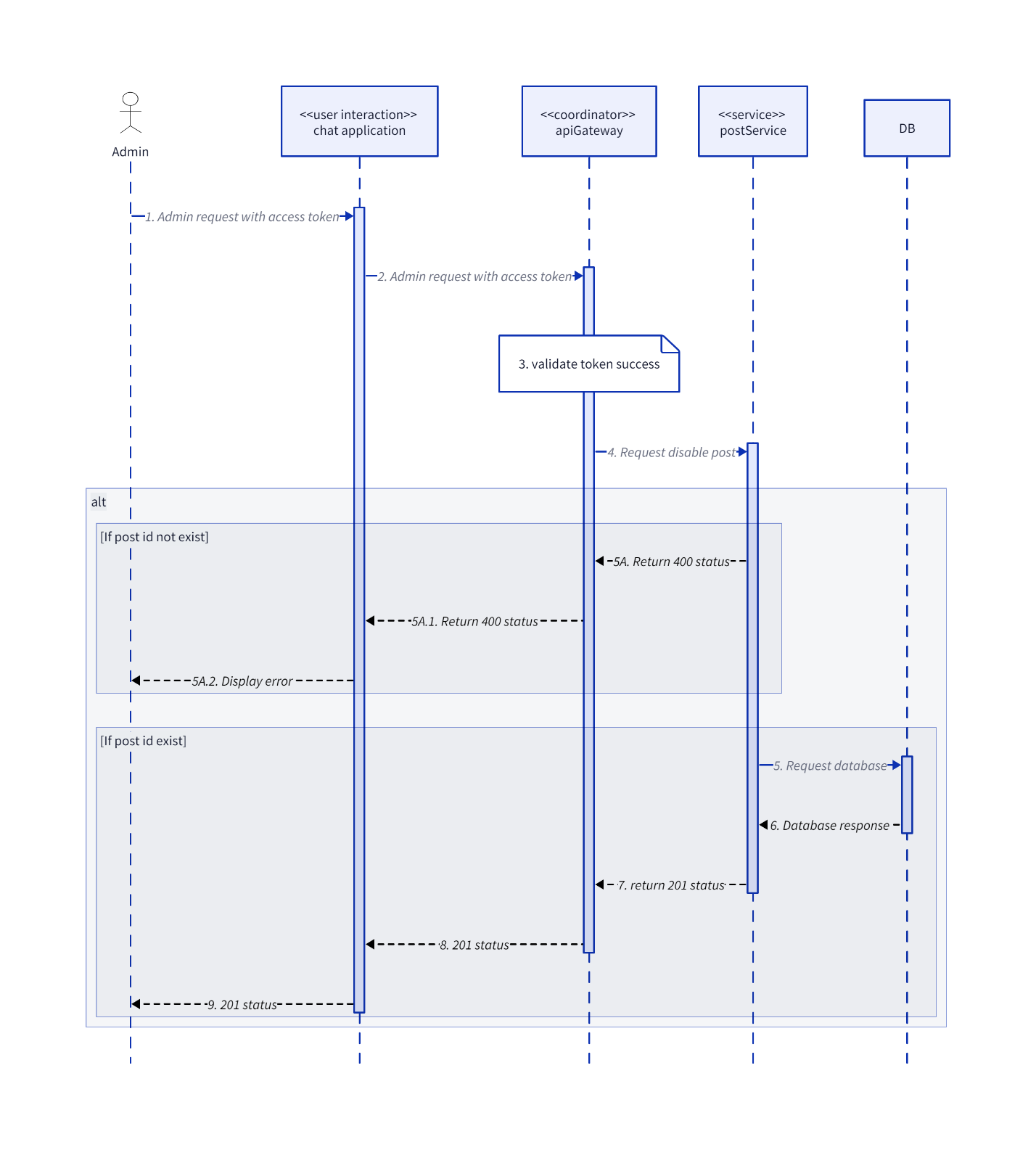
* + 1. **DeleteInteractionEmoji**

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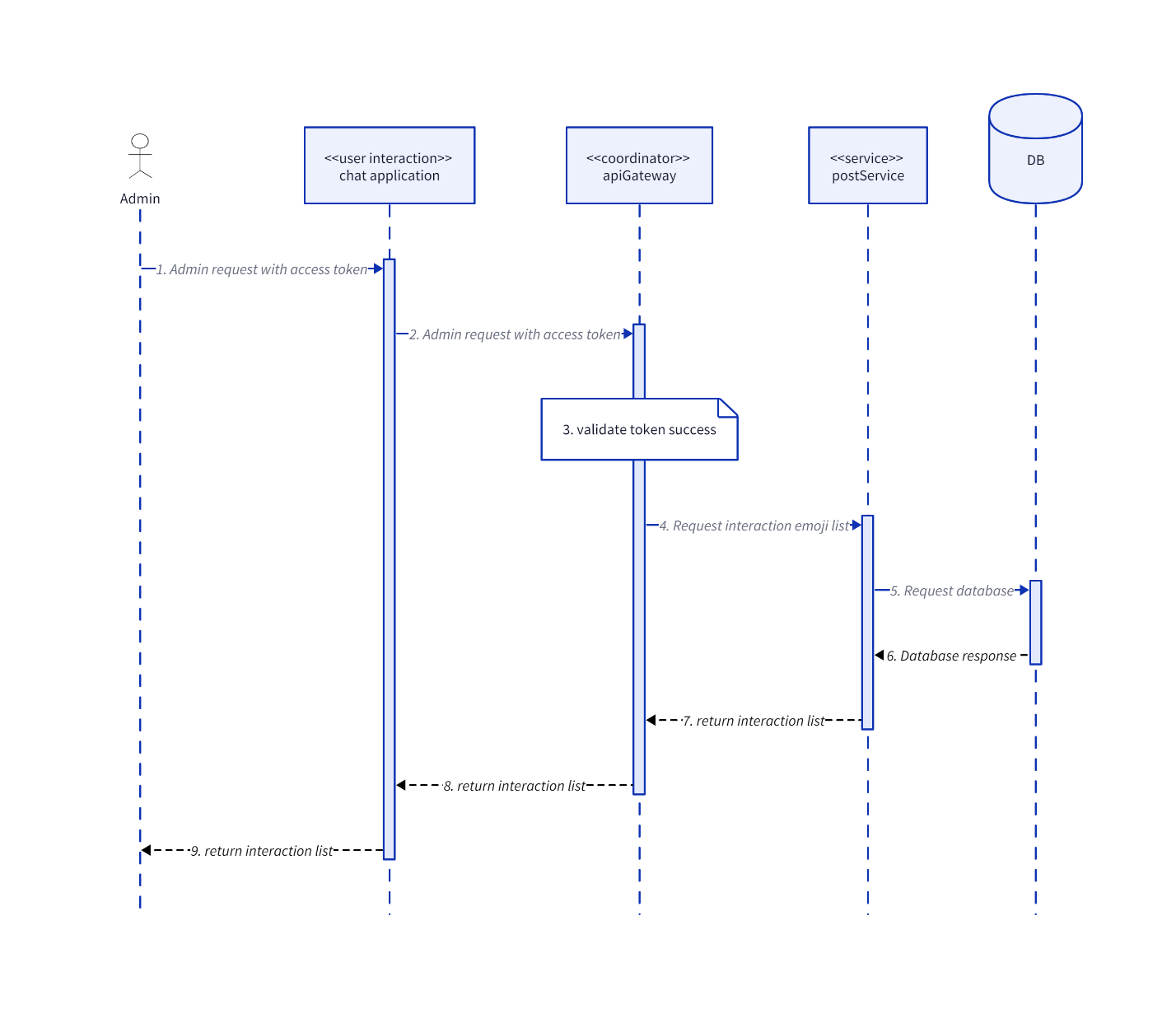
* + 1. **DeleteTag**

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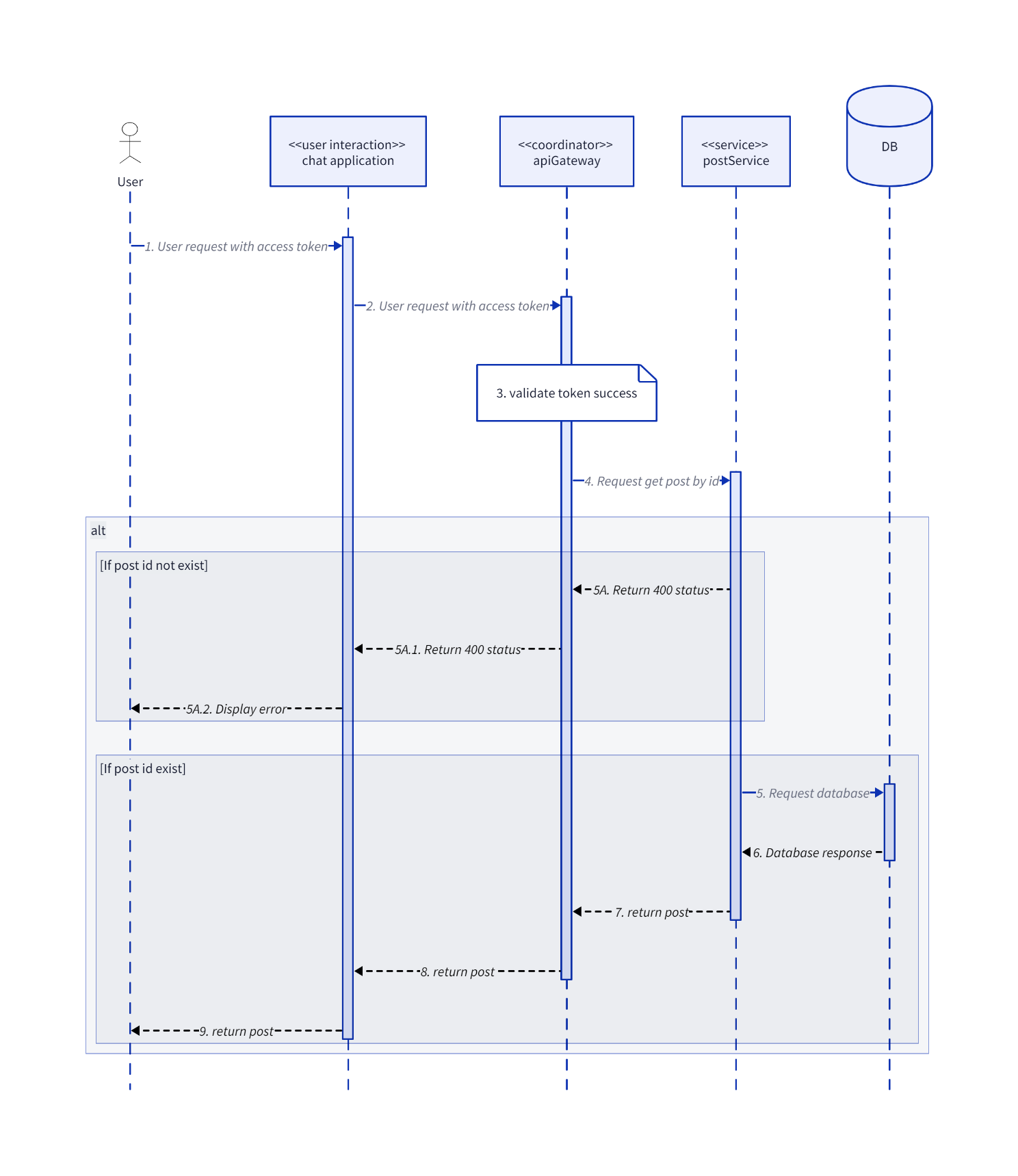
* + 1. **DisablePost**

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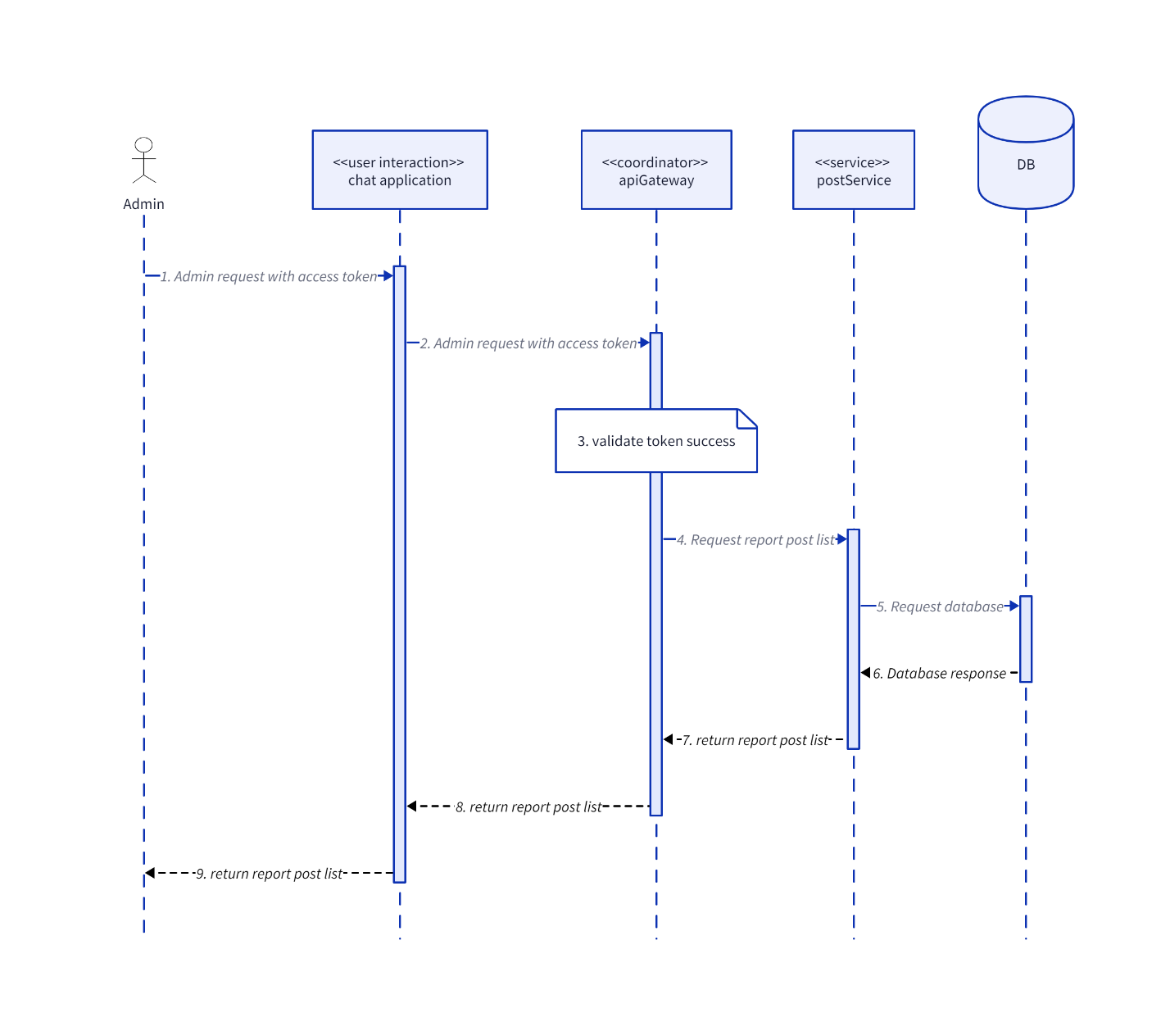
* + 1. **GetListInteractionEmoji**

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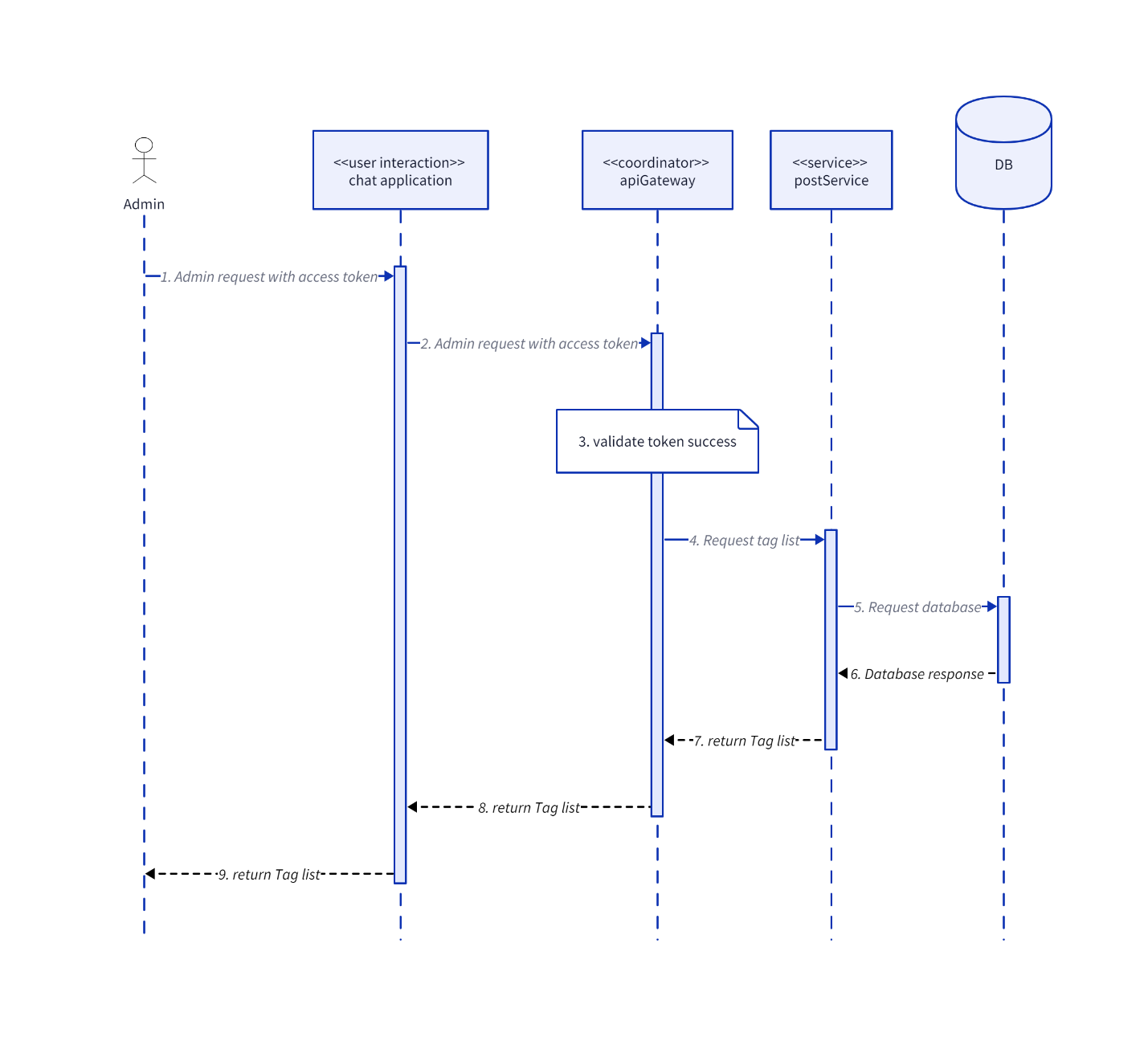
* + 1. **GetPostById**

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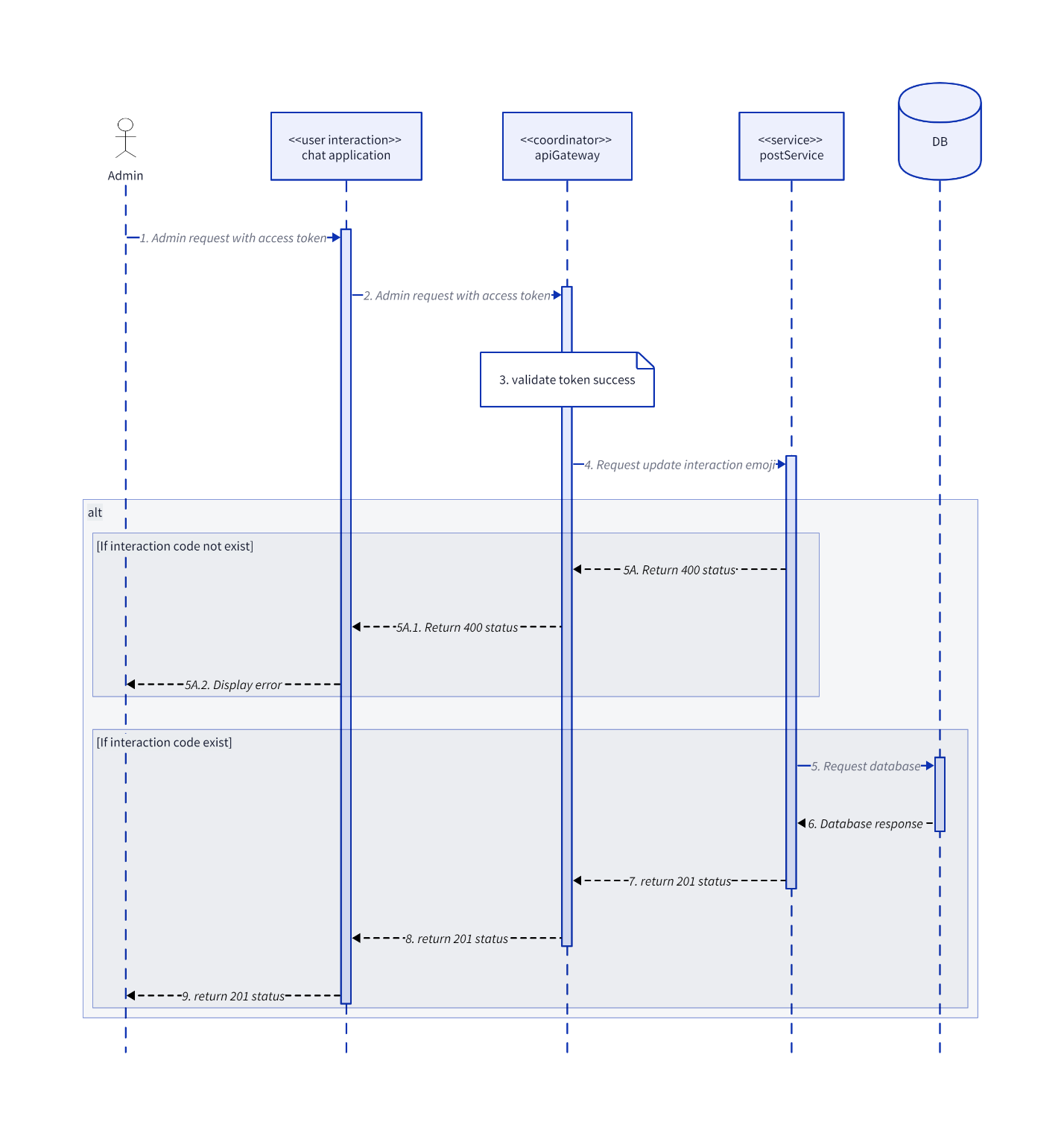
* + 1. **GetReportPostList**

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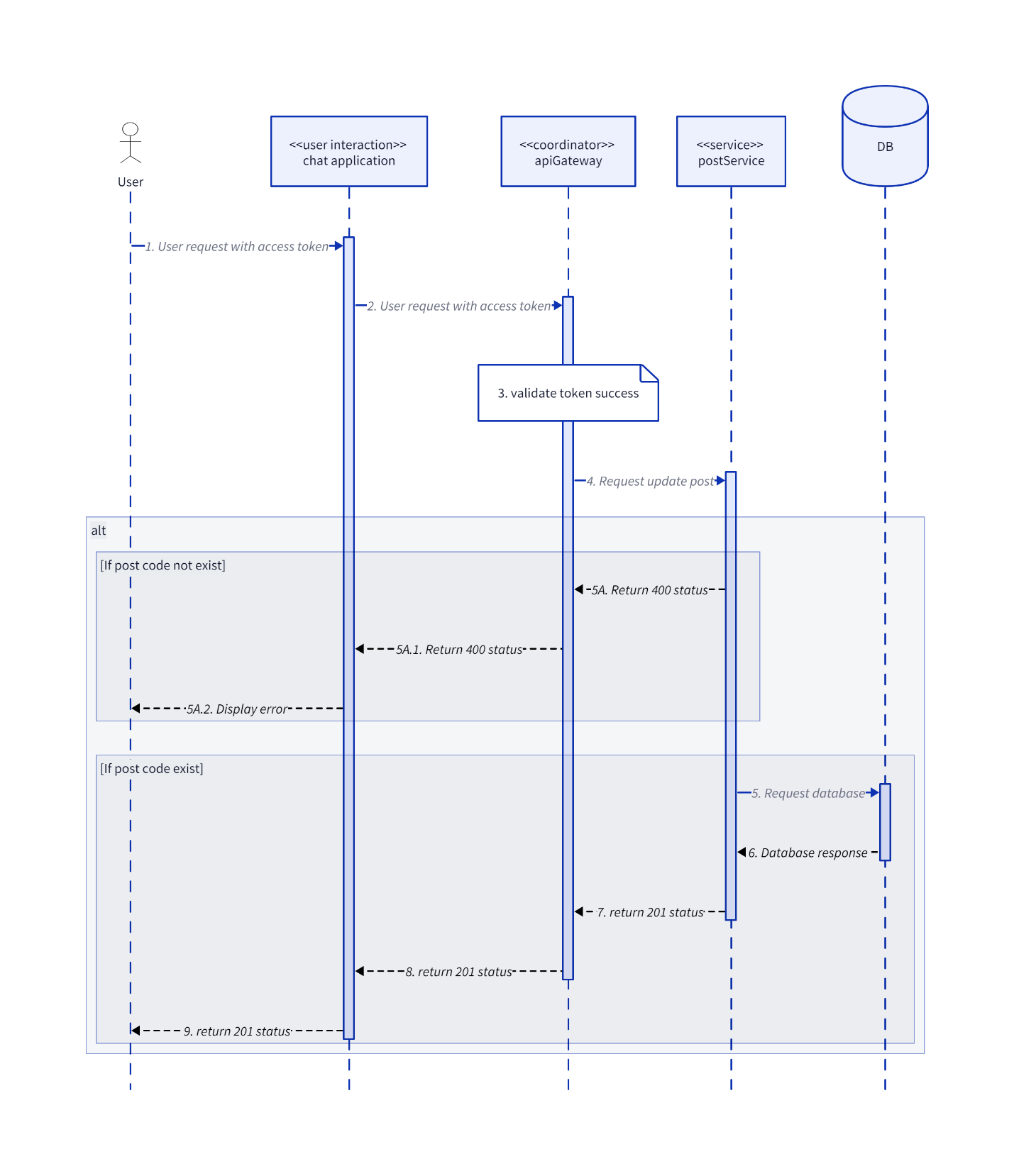
* + 1. **GetTagList**

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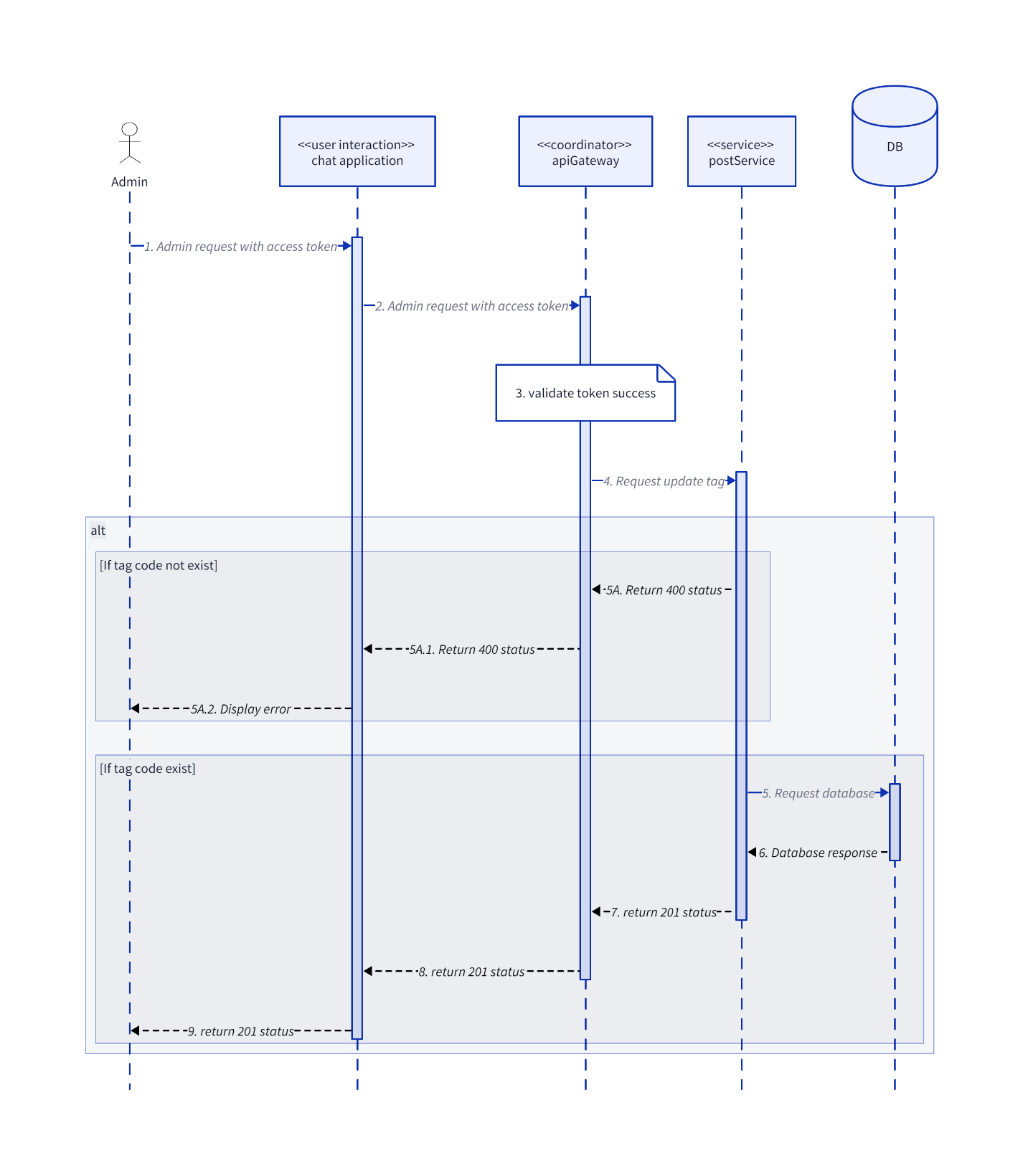
* + 1. **UpdateInteractionEmoji**

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* + 1. **UpdatePost**

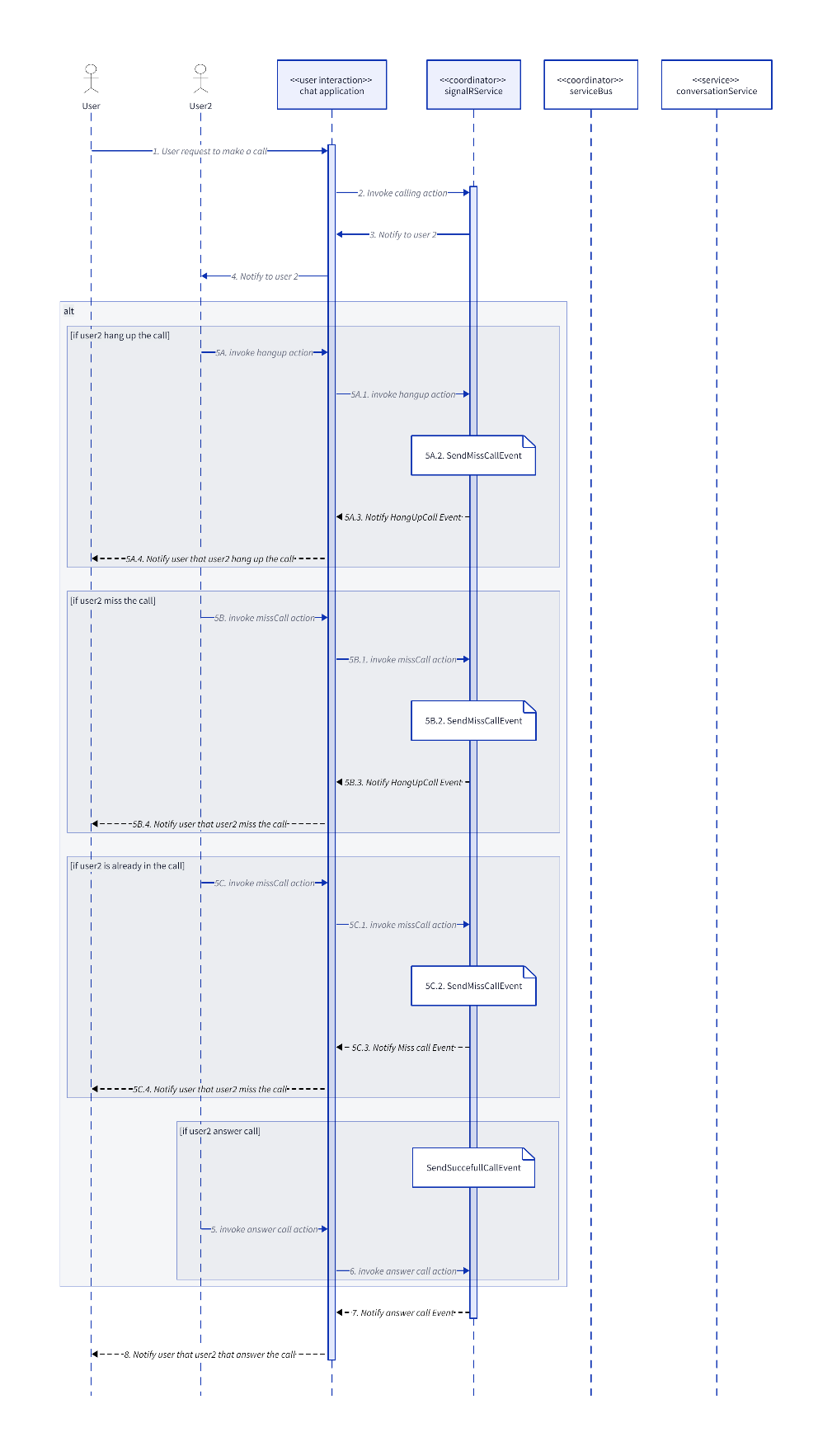
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* + 1. **UpdateTag**

****

* 1. **Websocket**

**Call**

****