**PROJECT**

**Chat Application**

**GROUP: 1**

**Nguyễn Lê Tài Đức**

**Lê Bá Thịnh**

**Tô Cao Kim Ngân**

**Trần Minh Nhựt**

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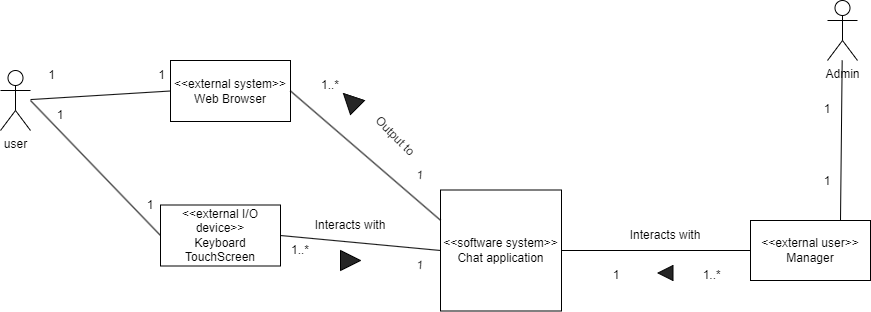
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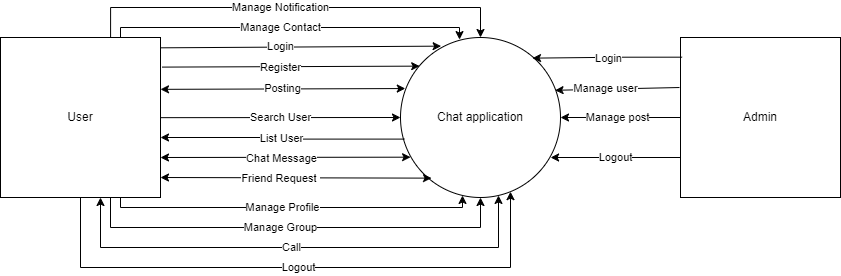
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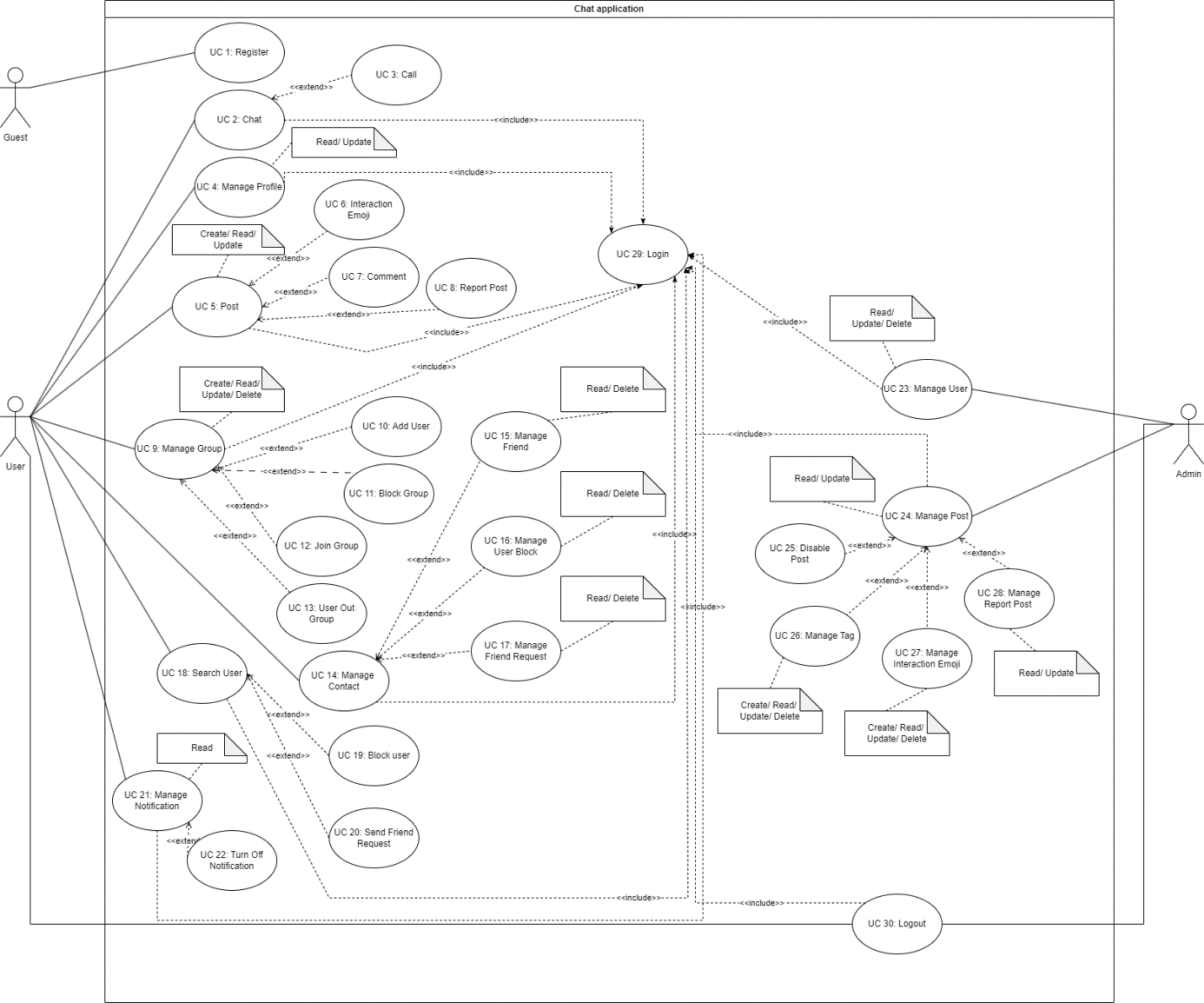
# SYSTEM CONTEXT DIAGRAM

## System context diagram

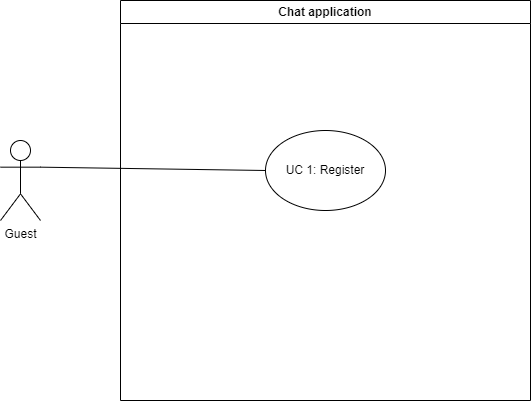


## Total context diagram

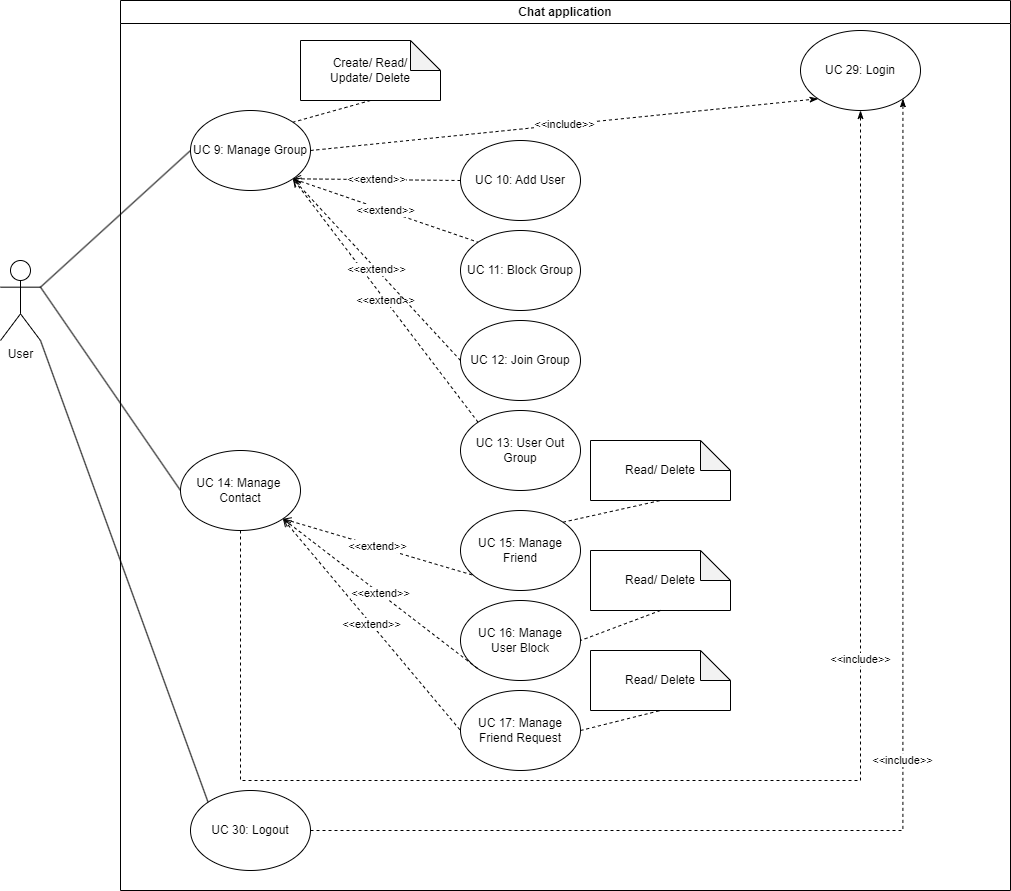


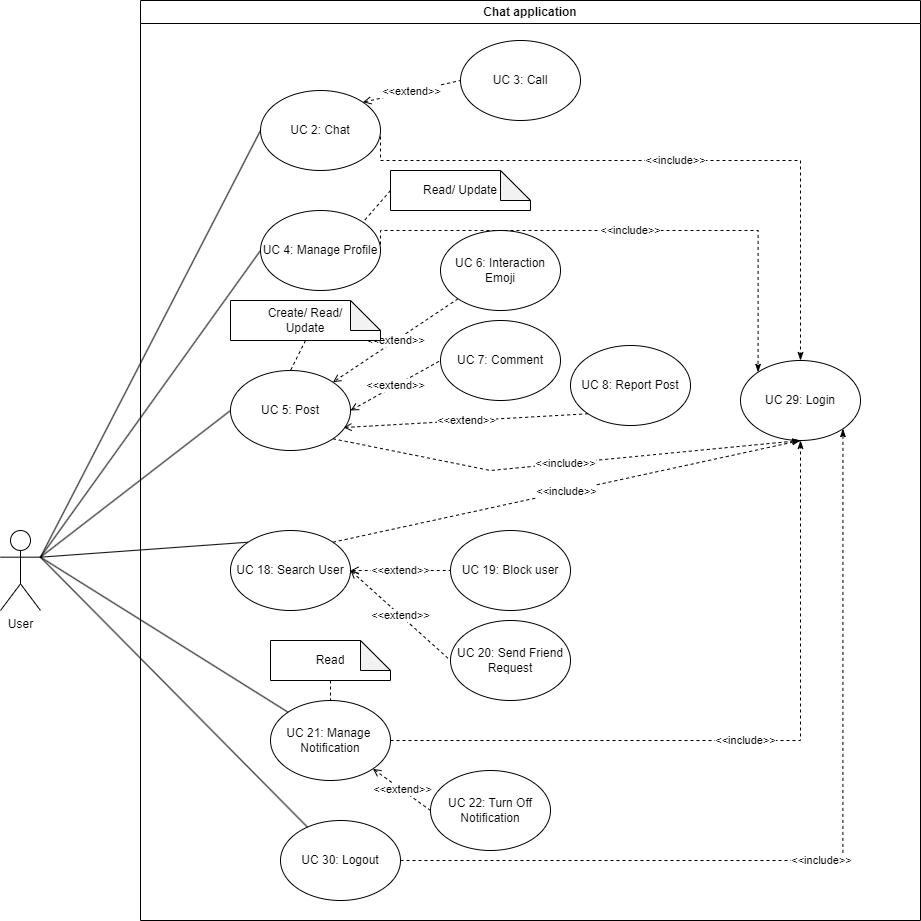
1. USE CASE DIAGRAM

## Guest

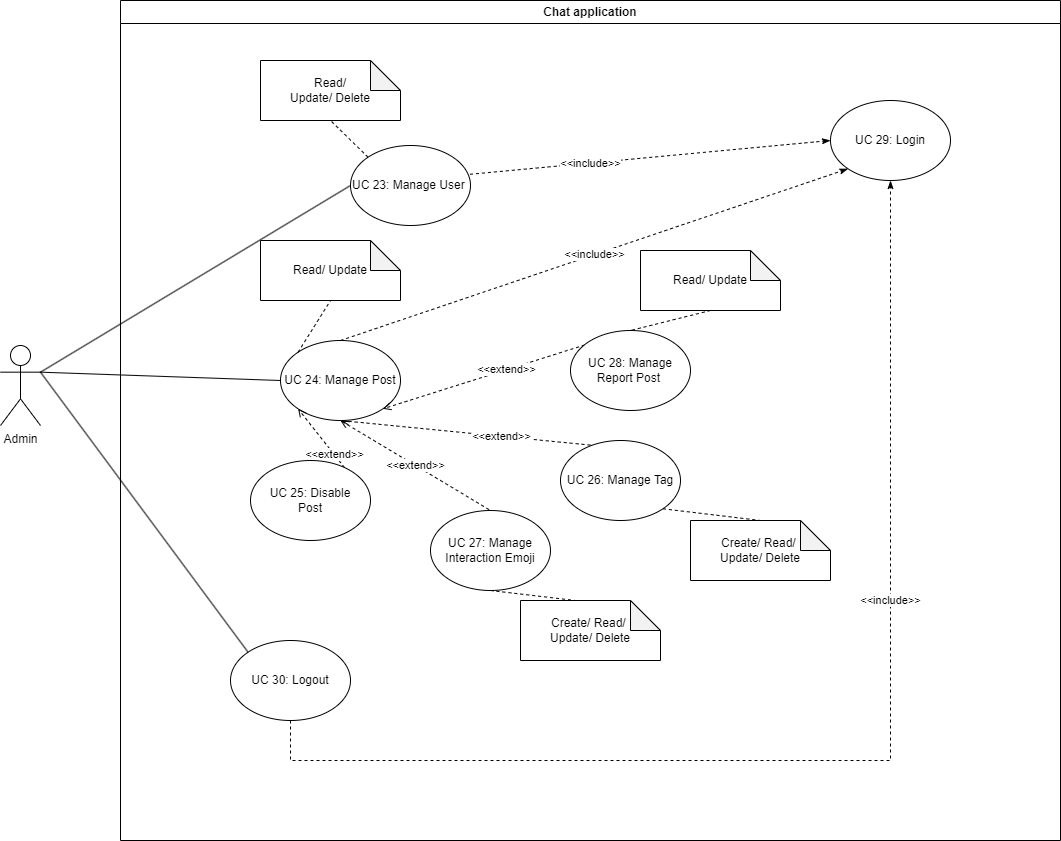


## User

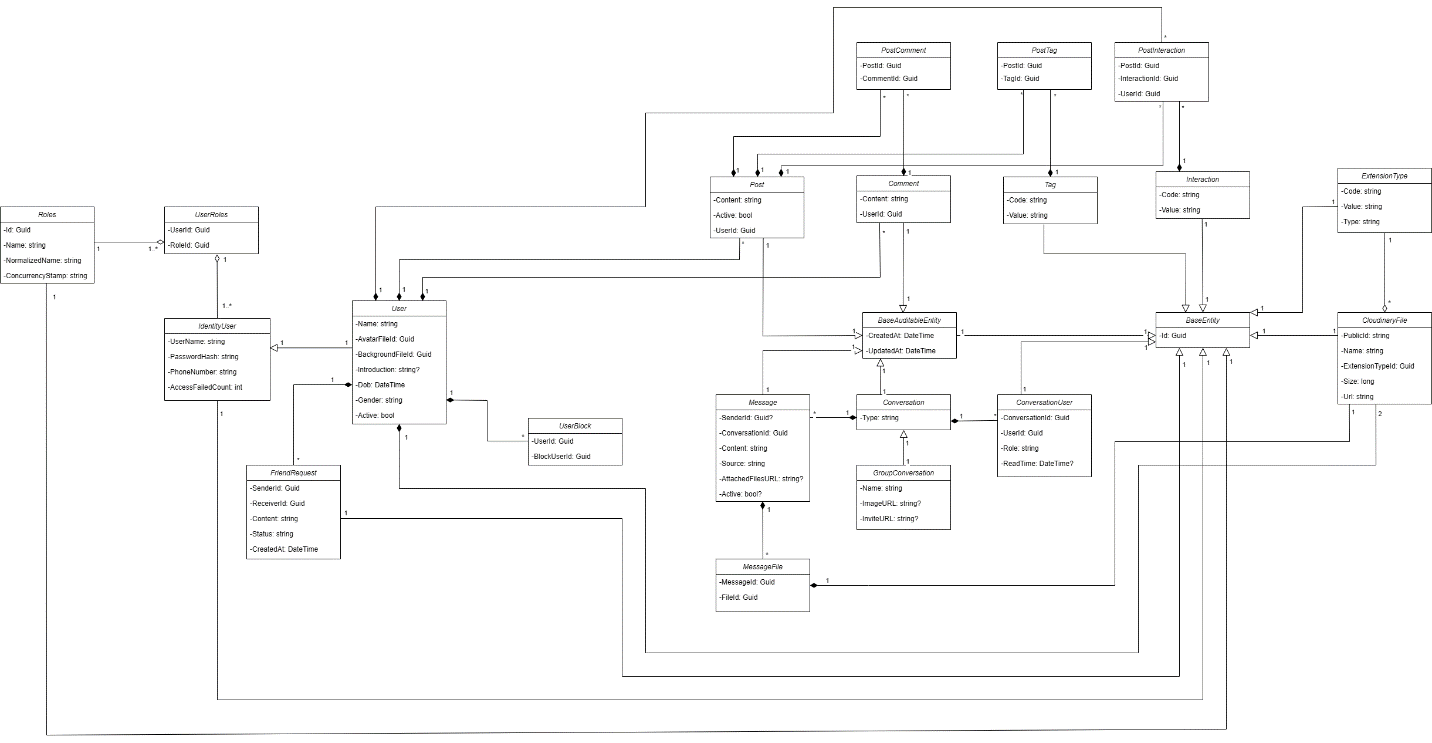




## Admin



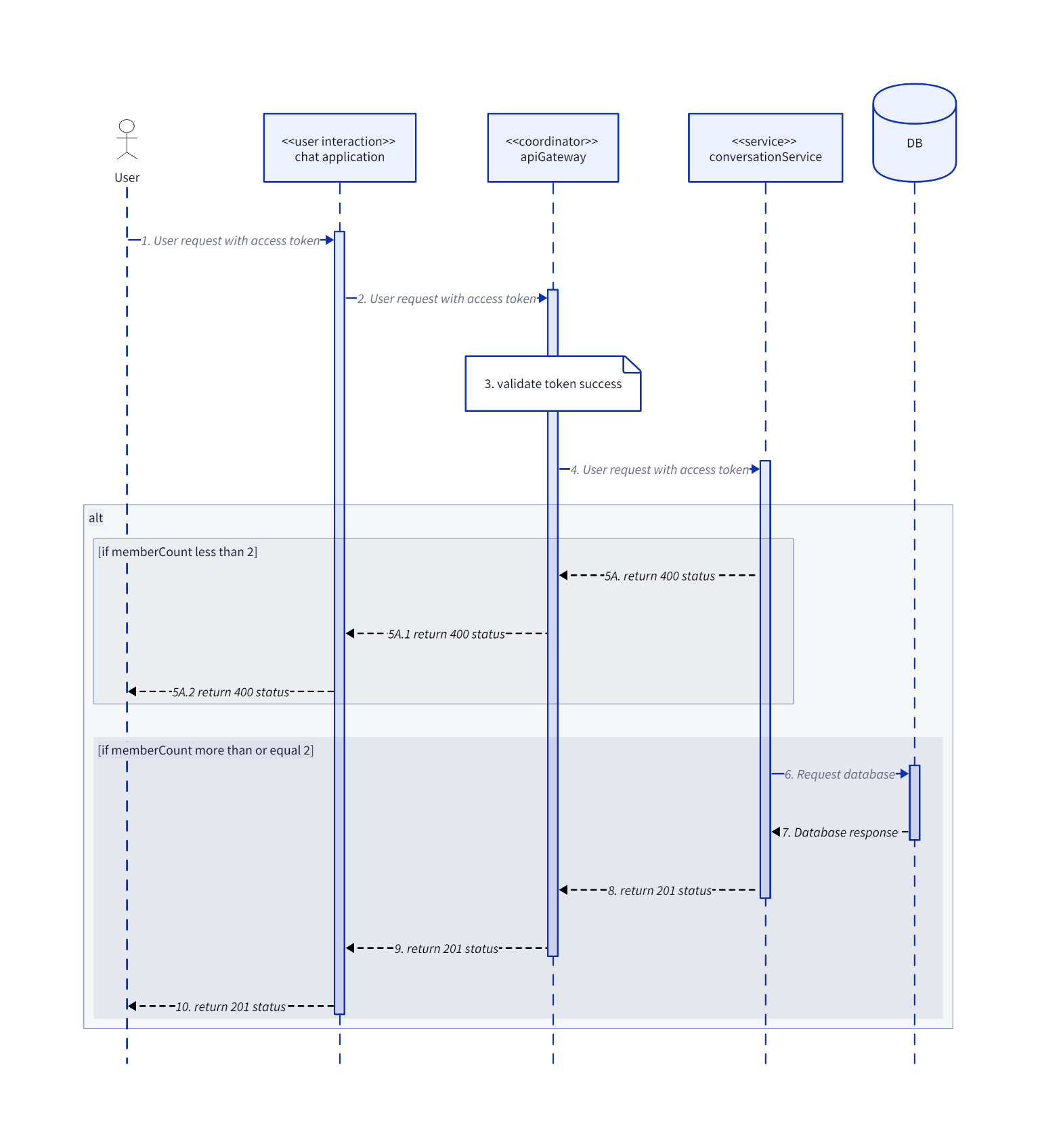
# ENITY CLASS DIAGRAM



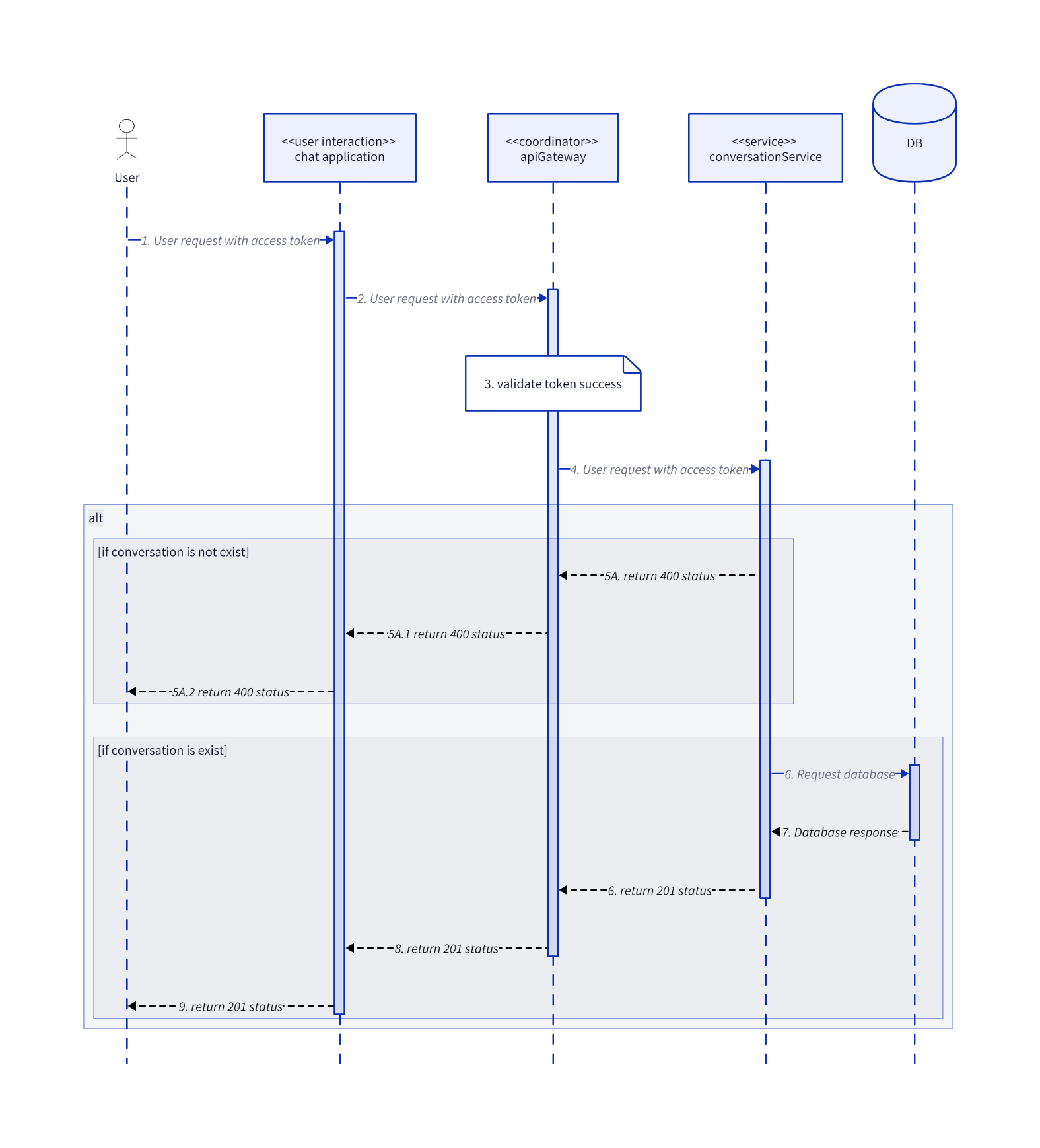
# SEQUENCE DIAGRAM

## Conversation

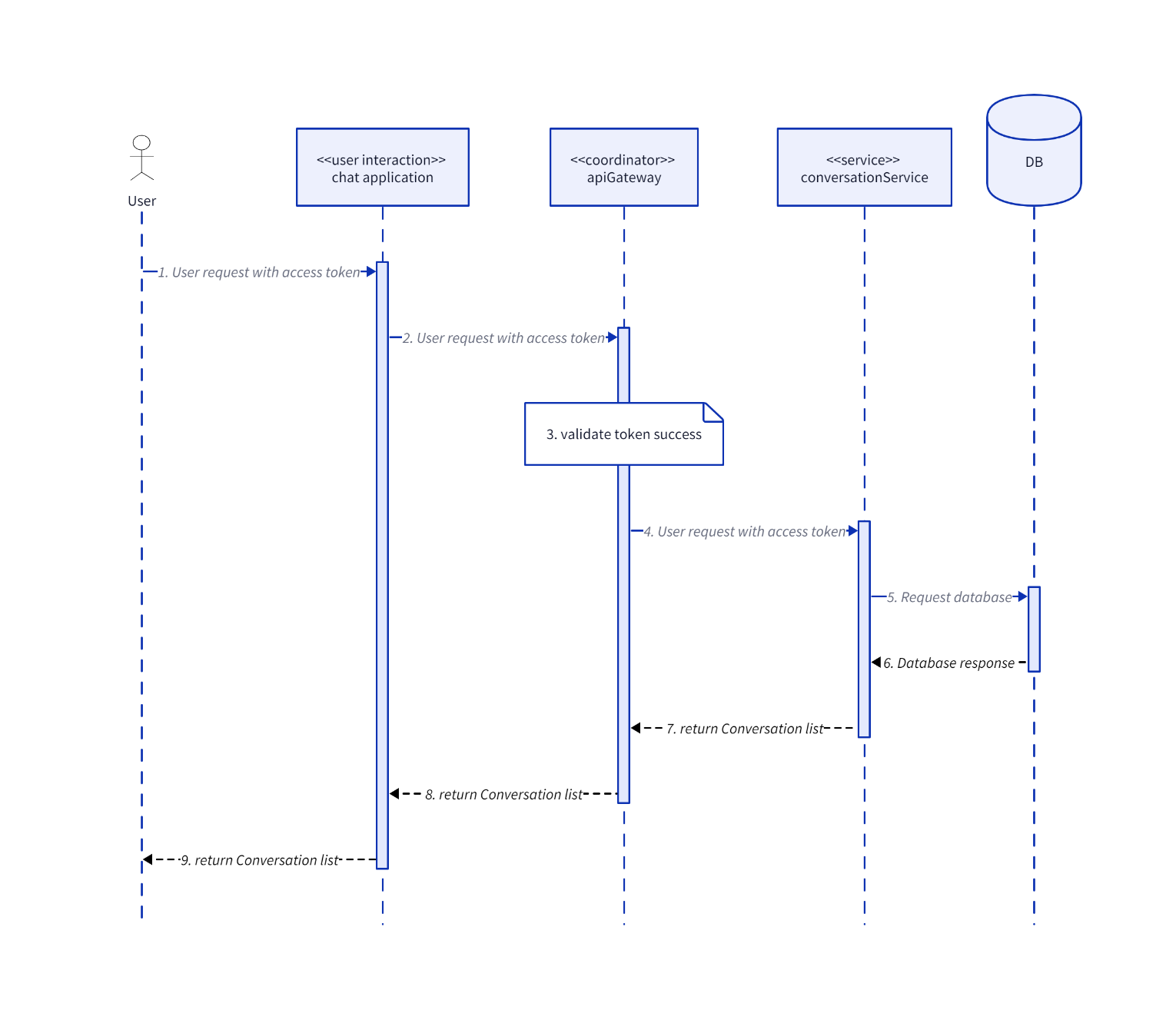
### CreateGroupConversation



### DeleteConversation

****

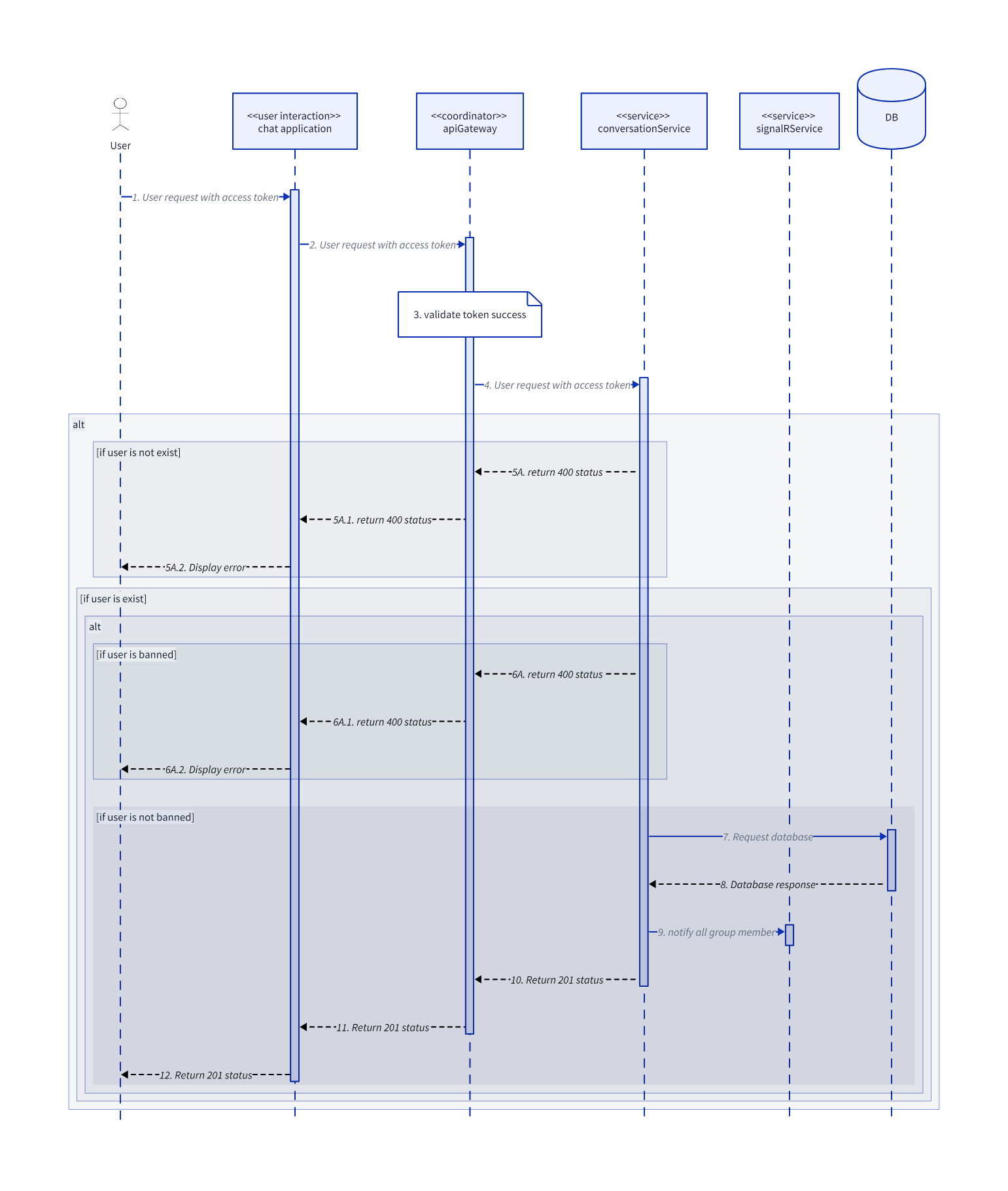
### GetConversation

****

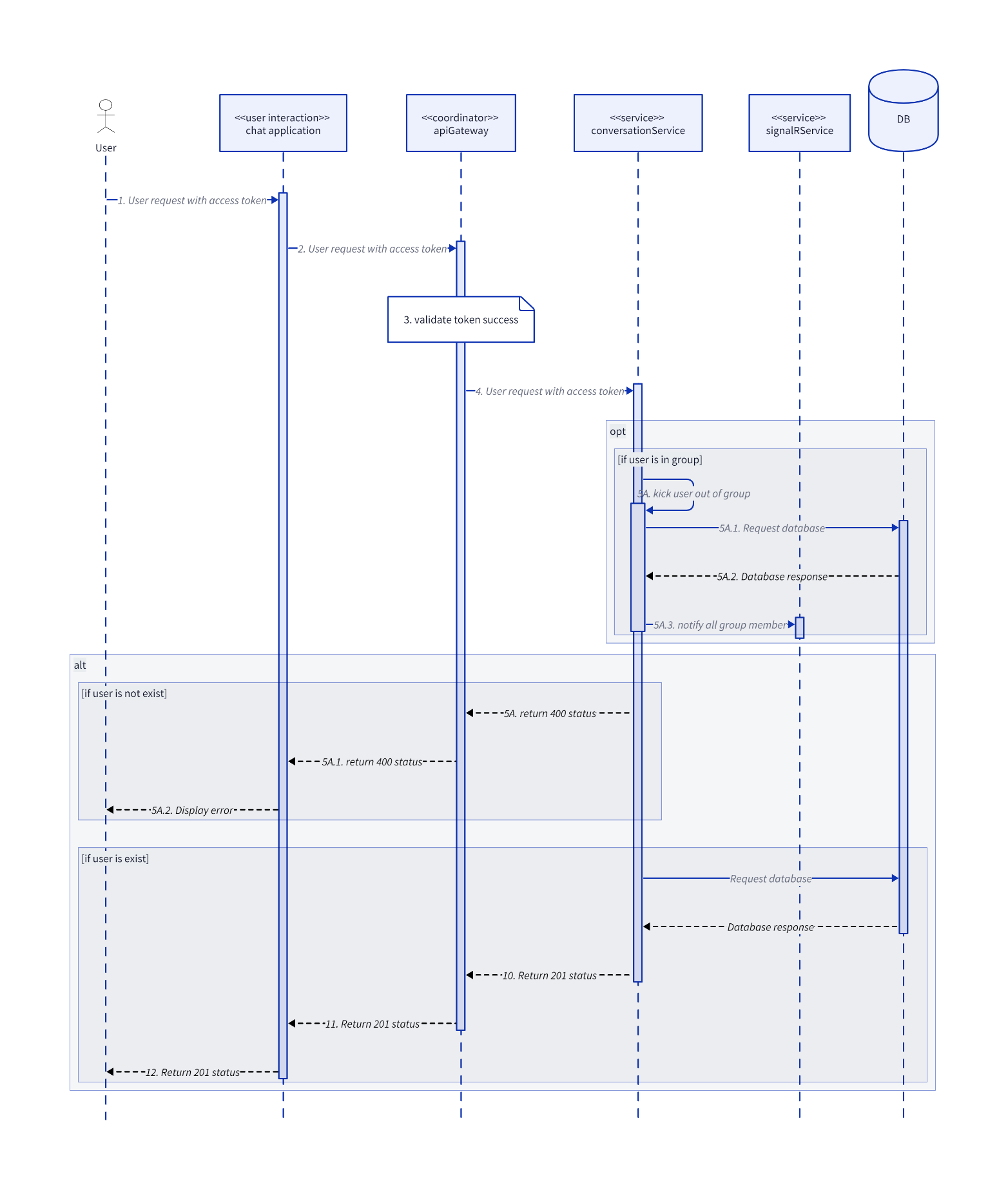
### GetMemberListByConversationId

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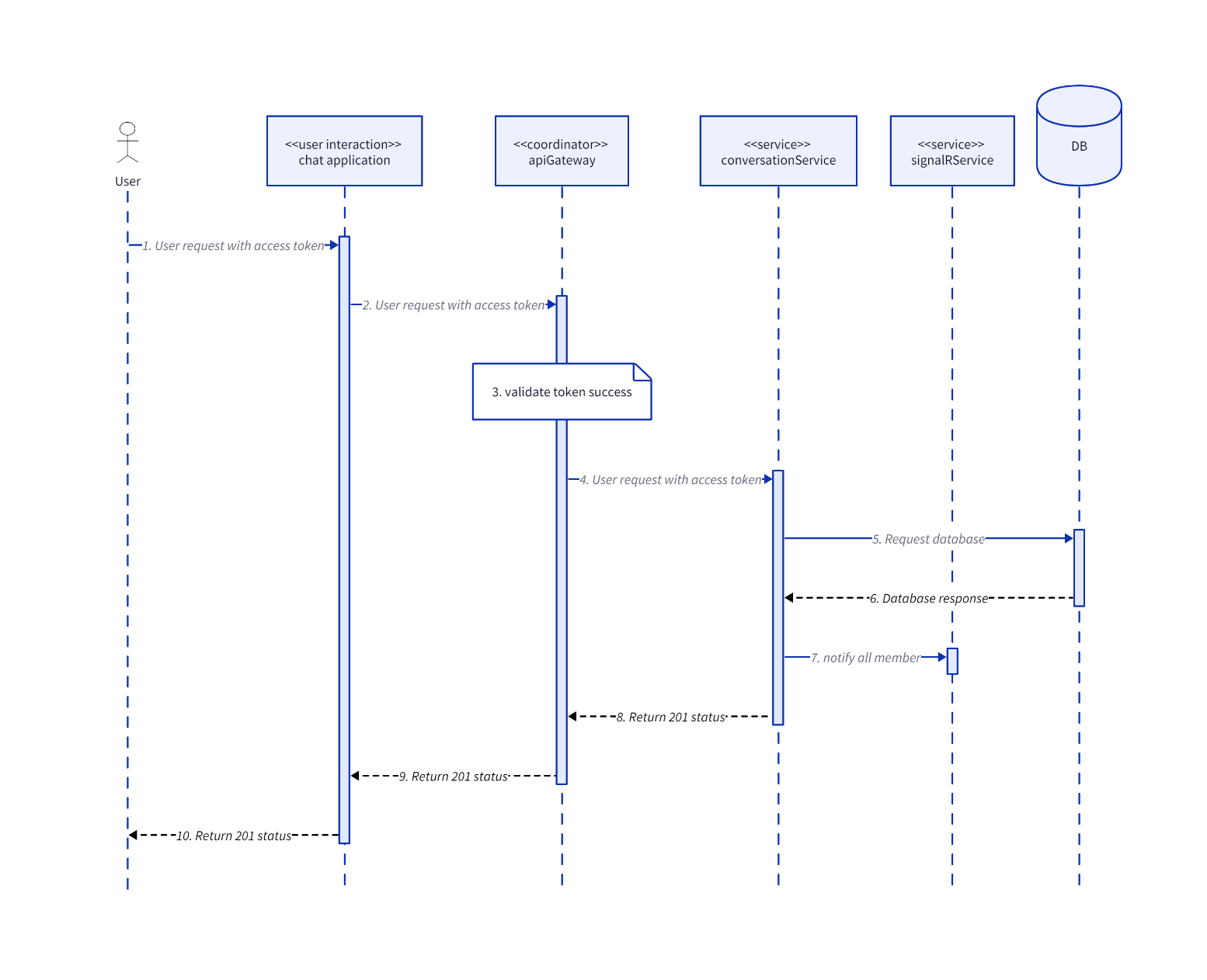
### GroupAddUser

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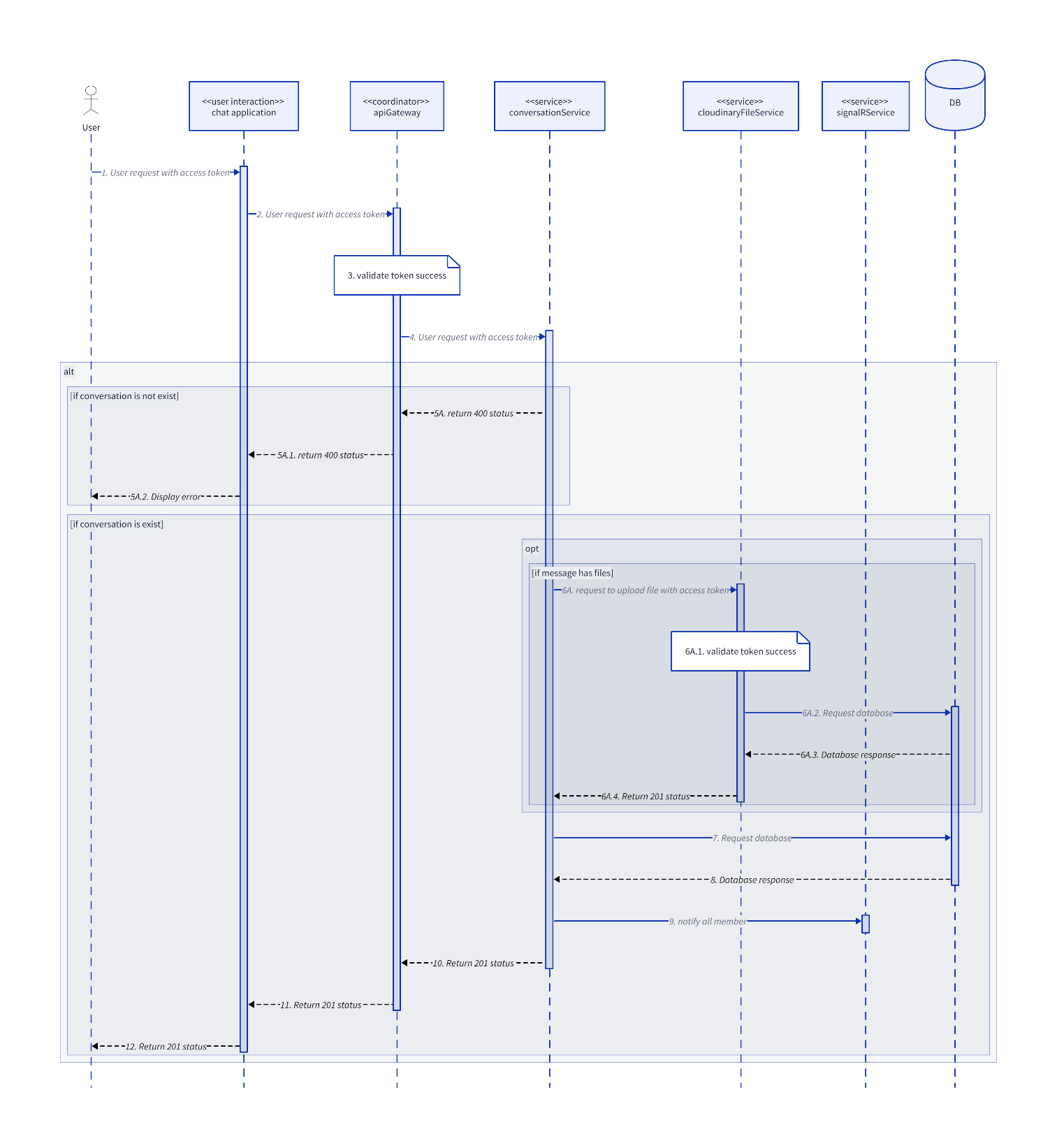
### GroupBlockUser

****

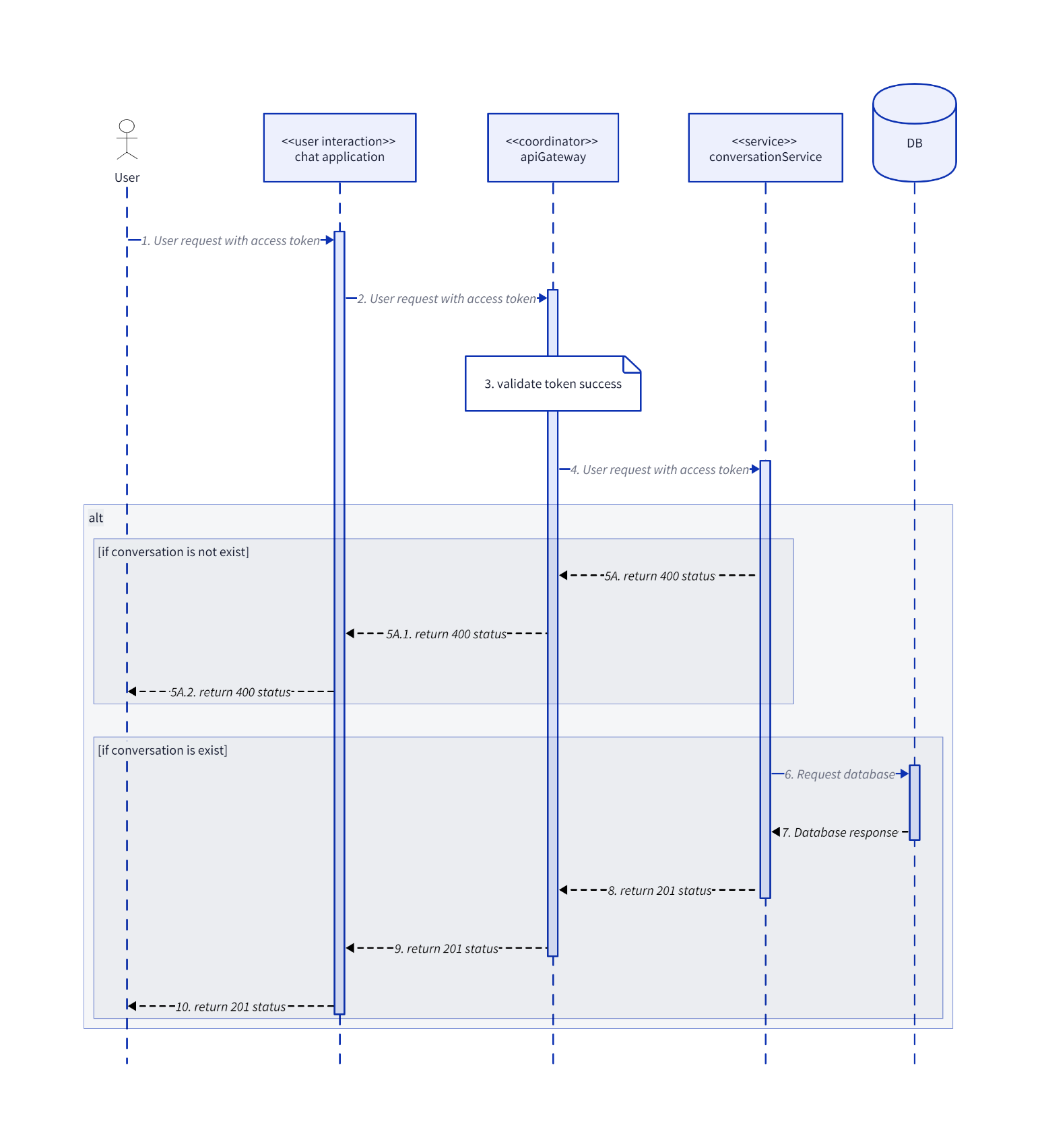
### GroupDisband

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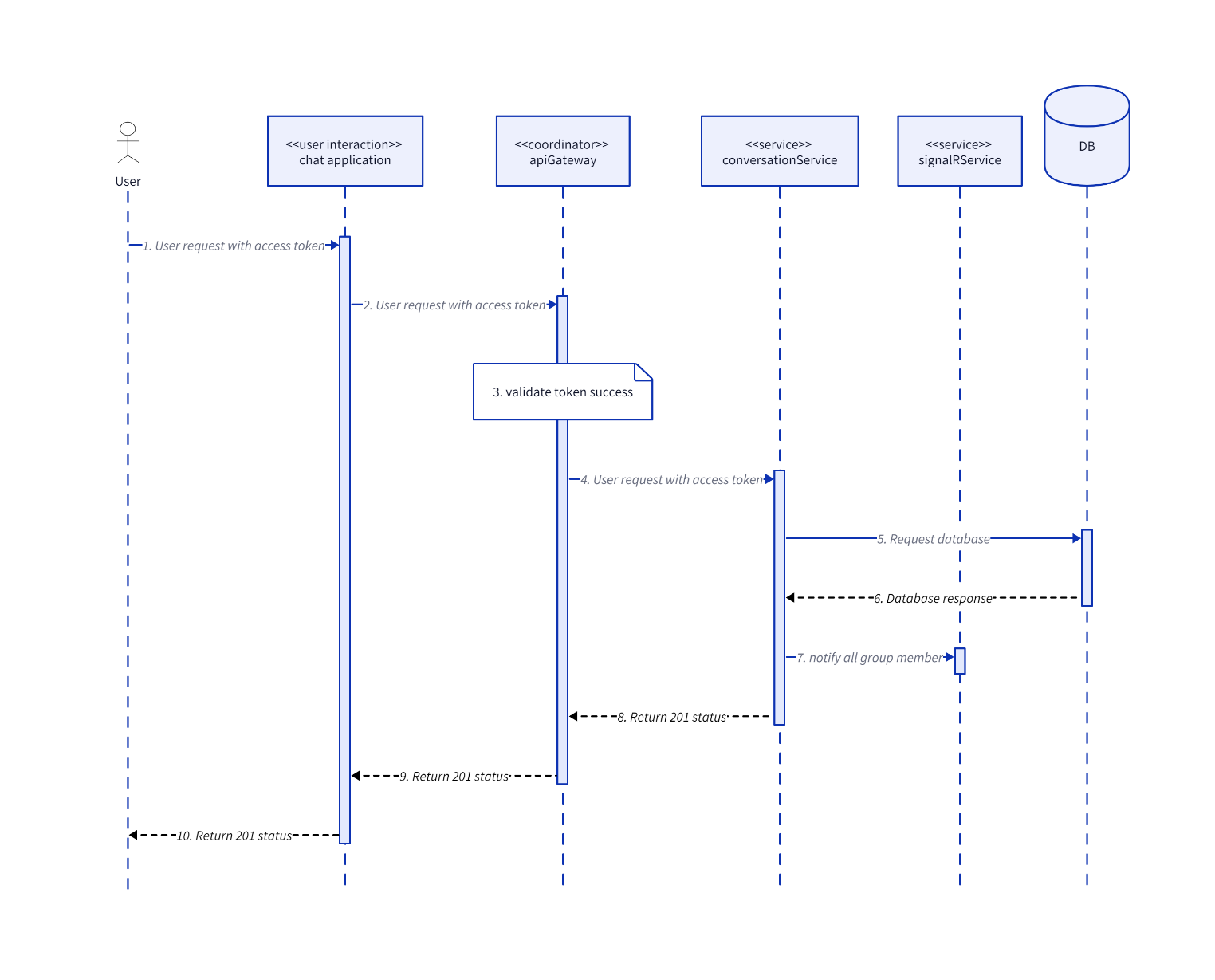
### SendClientMessage

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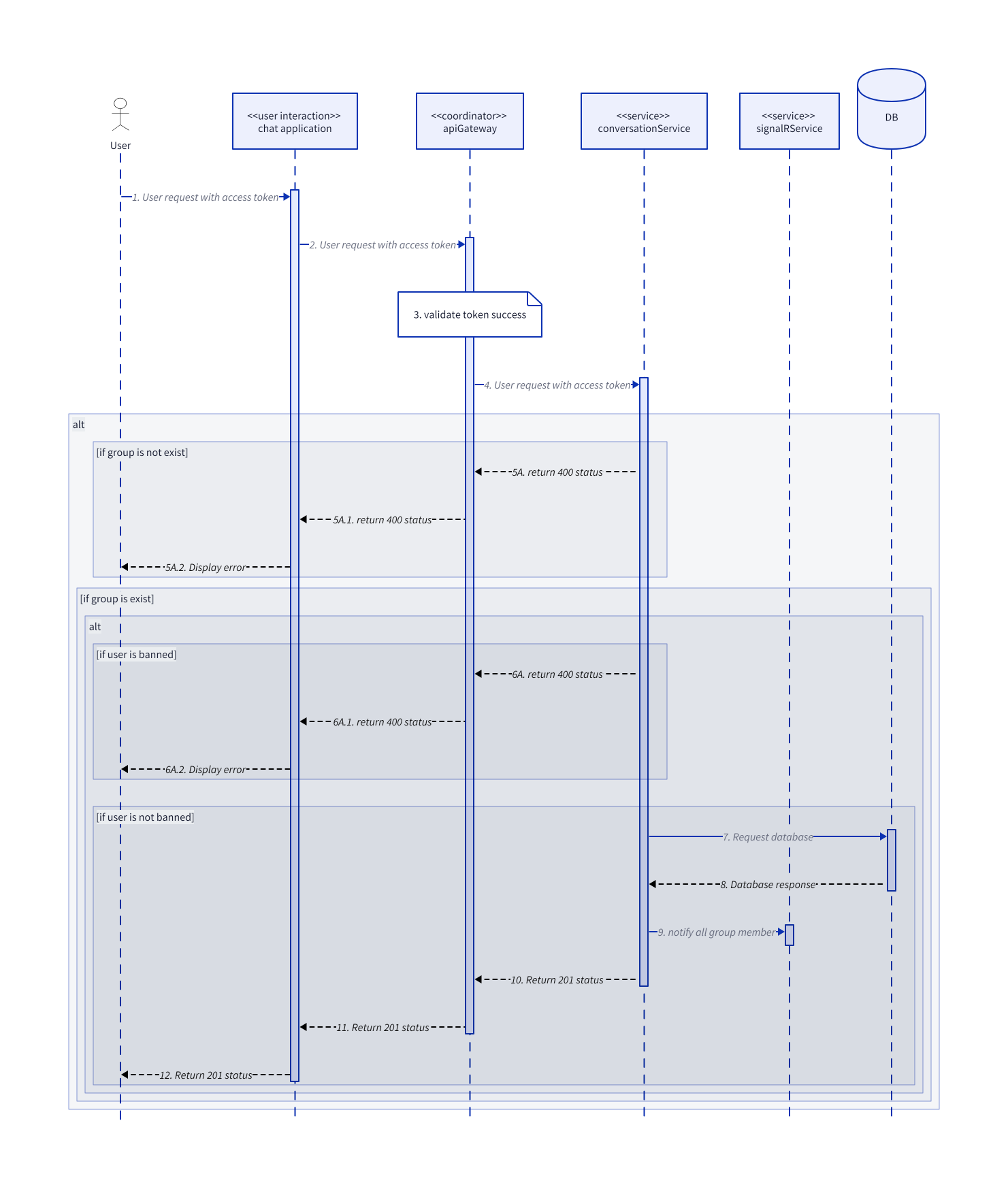
### UpdateGroupConversation

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### UserExitGroup

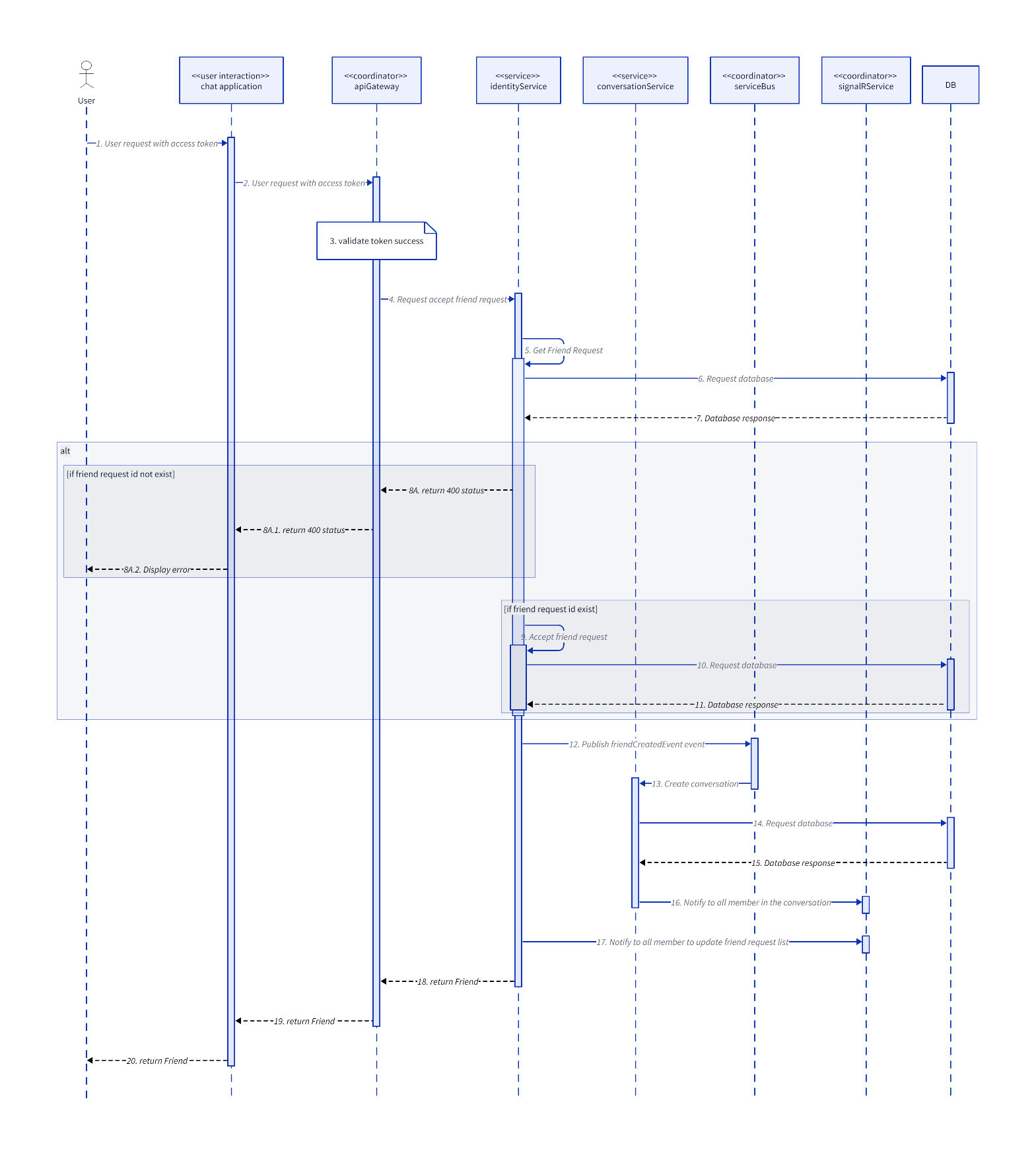
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### UserJoinGroup

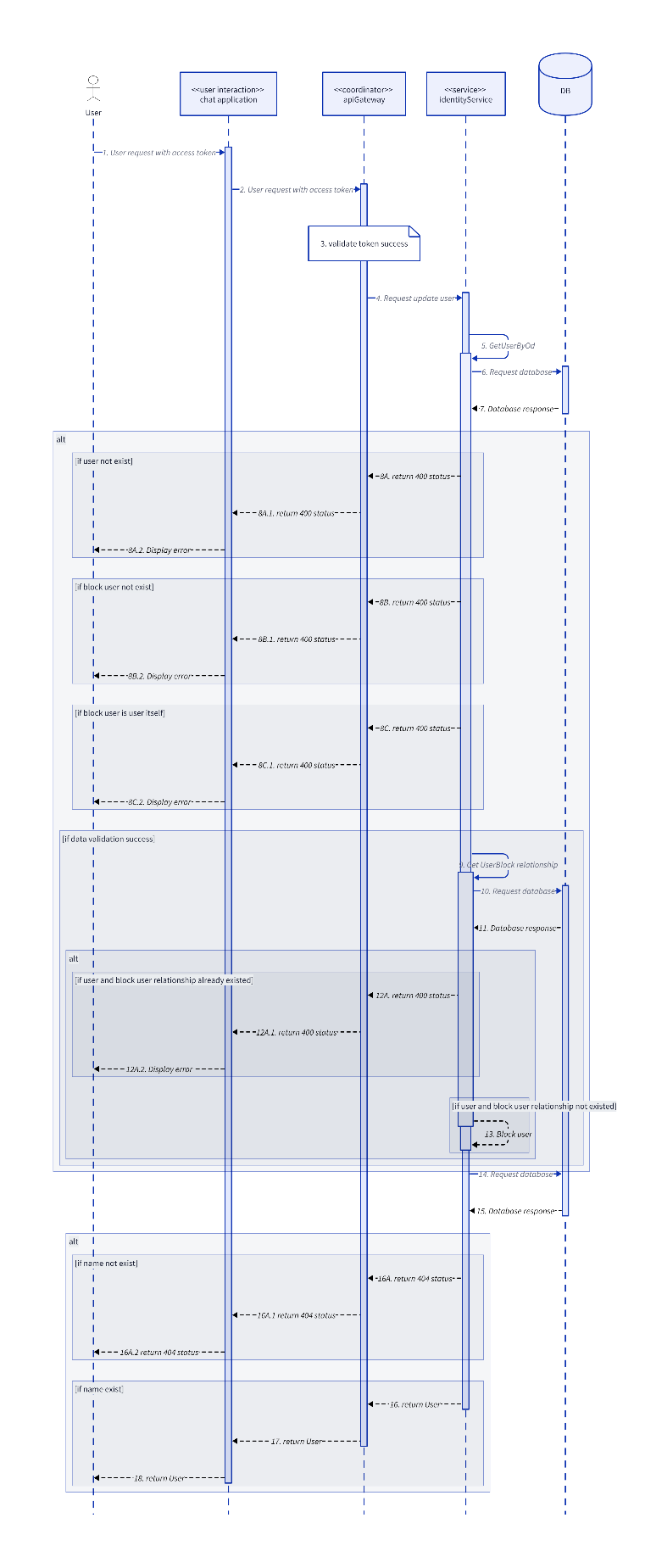
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## Identity

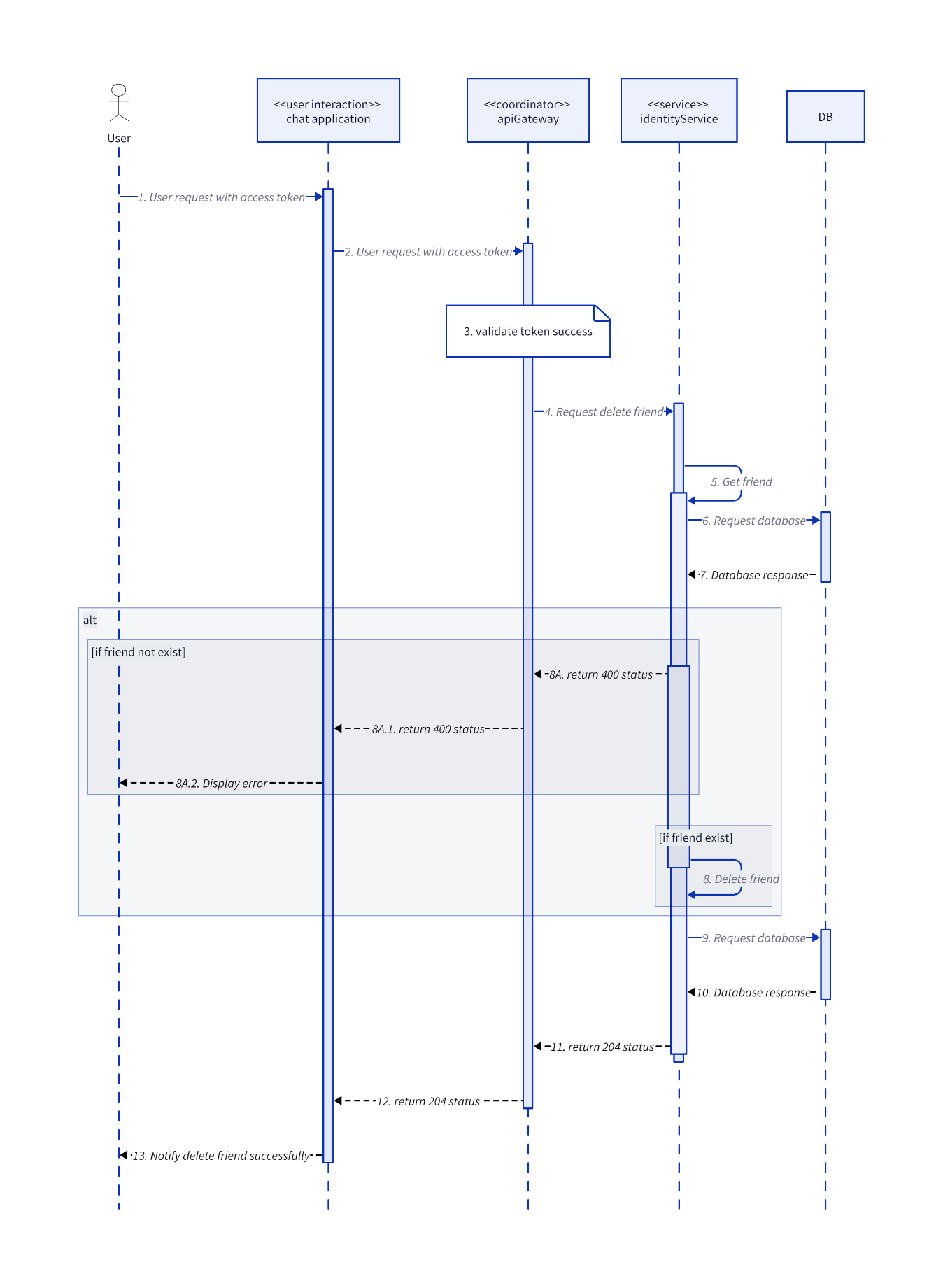
### AcceptFriendRequest

****

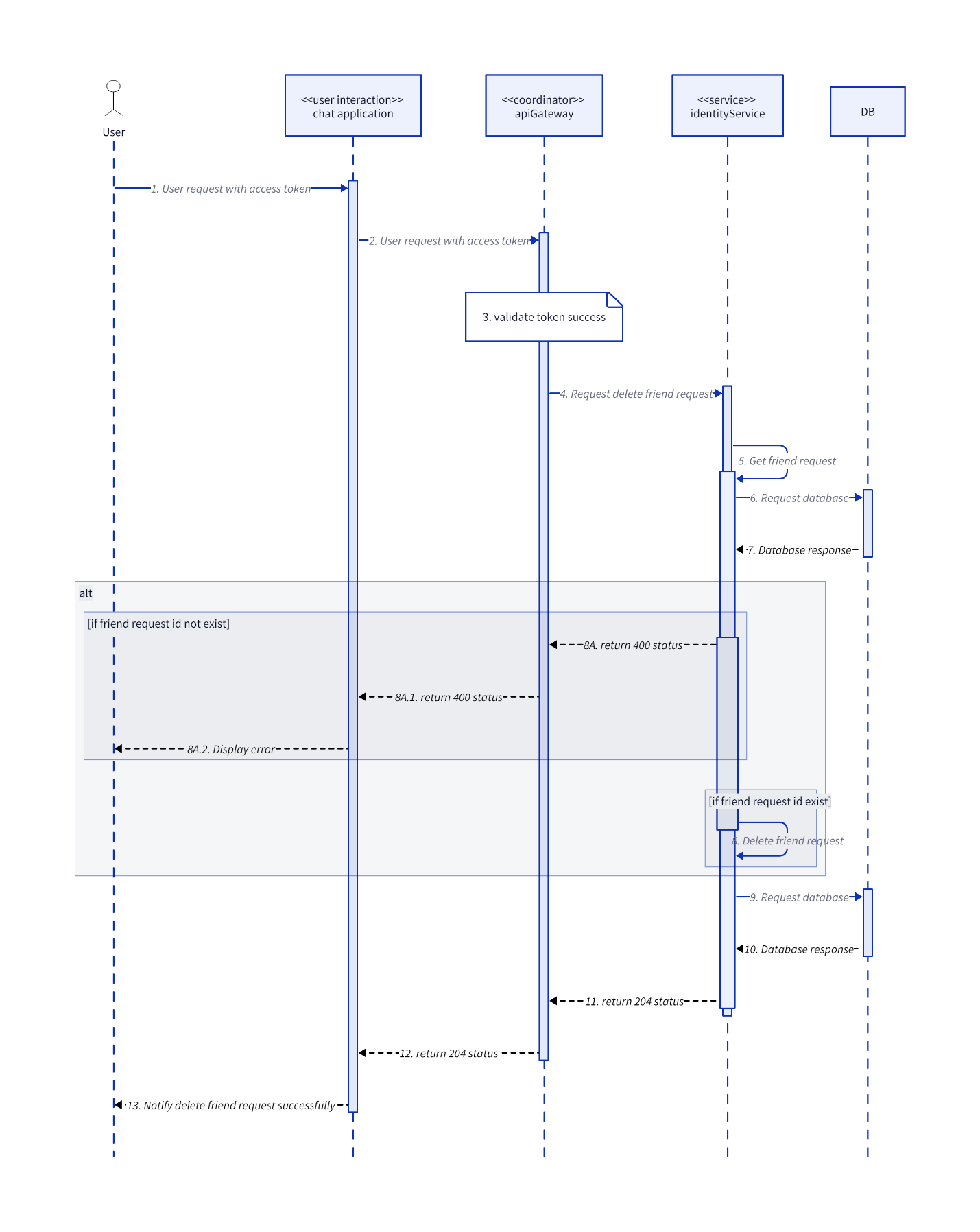
### BlockUser



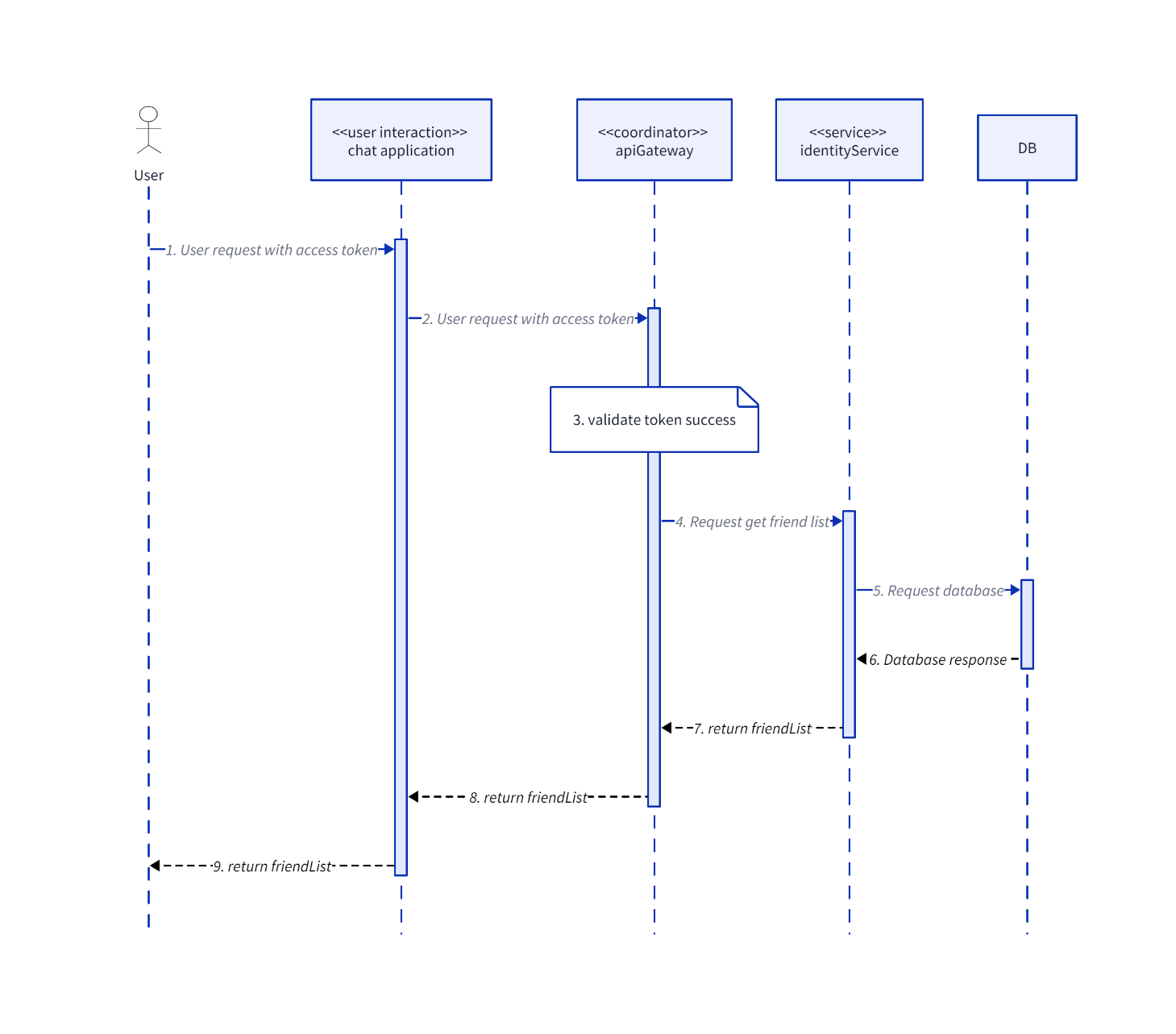
### DeleteFriend

****

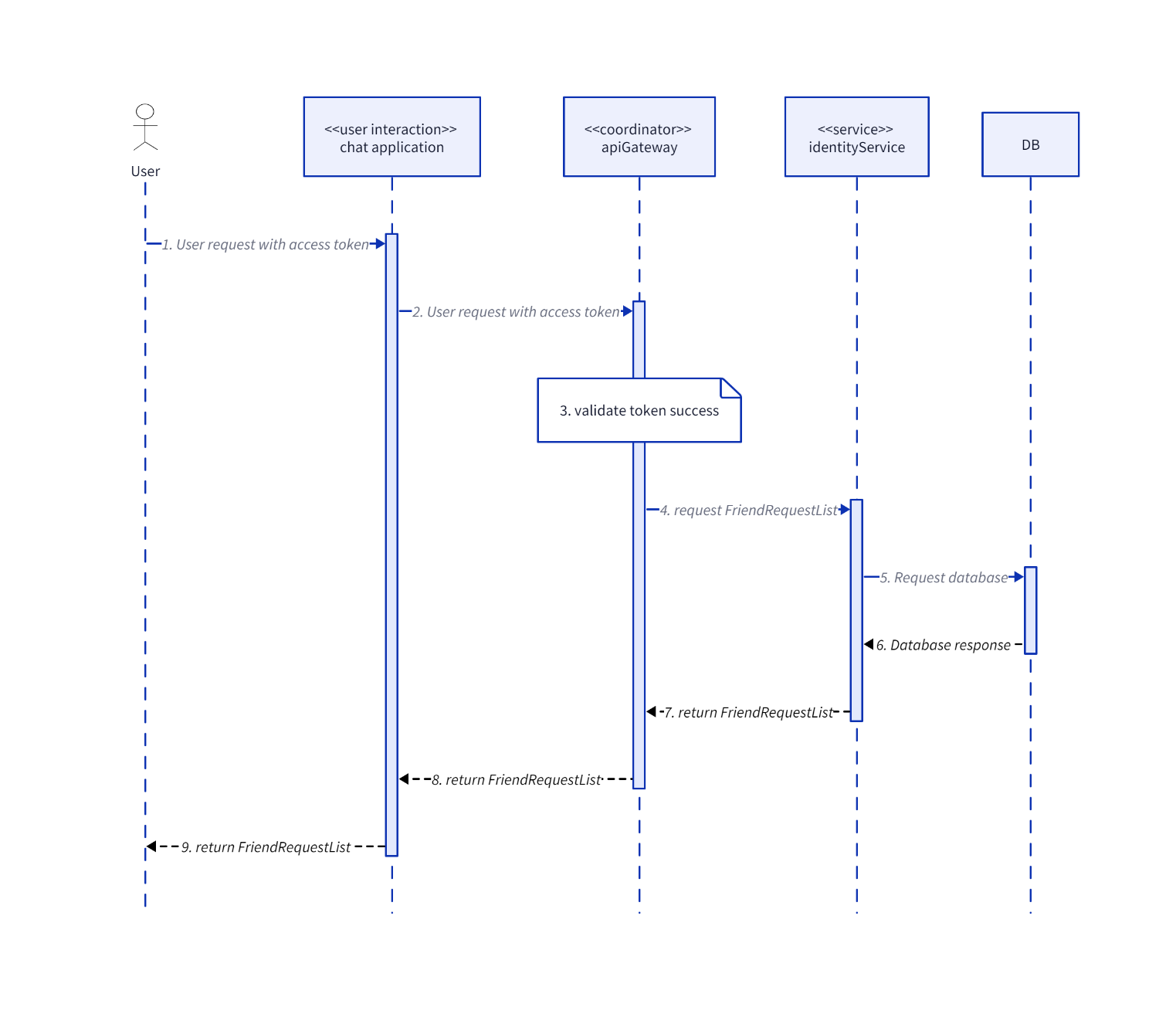
### DeleteFriendRequest

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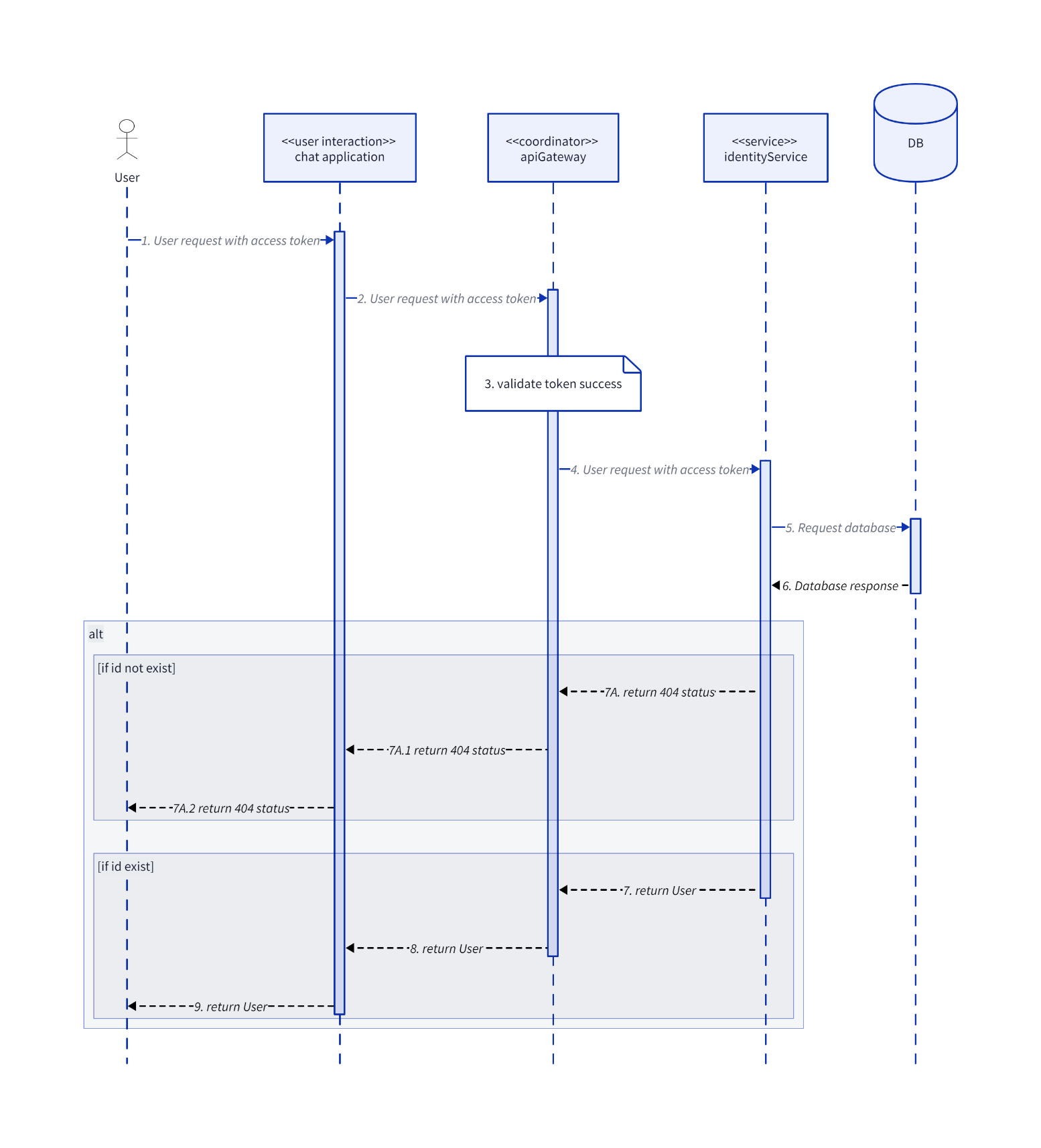
### GetFriendListByUserId

****

### GetFriendRequestByUserId

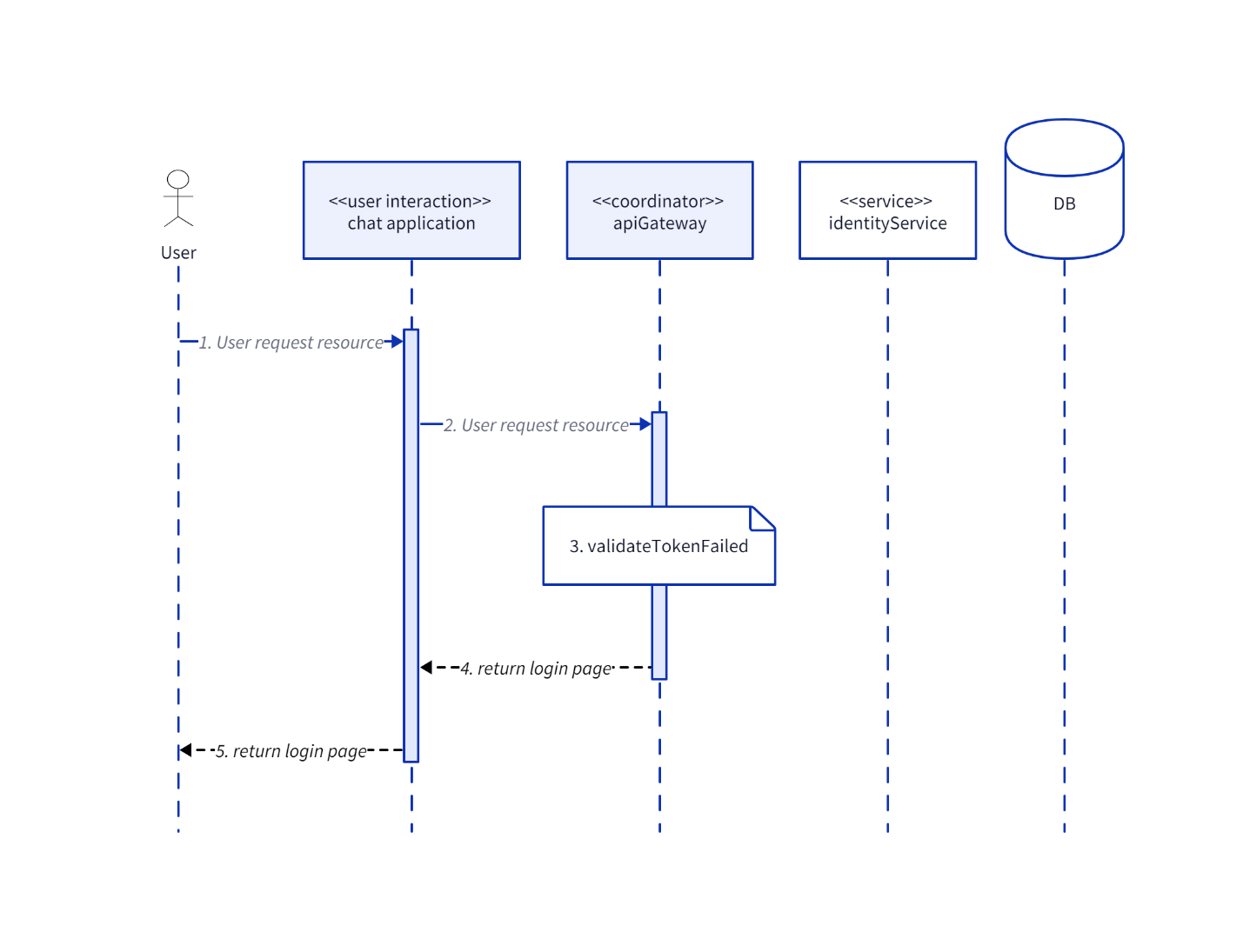
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### GetUserById

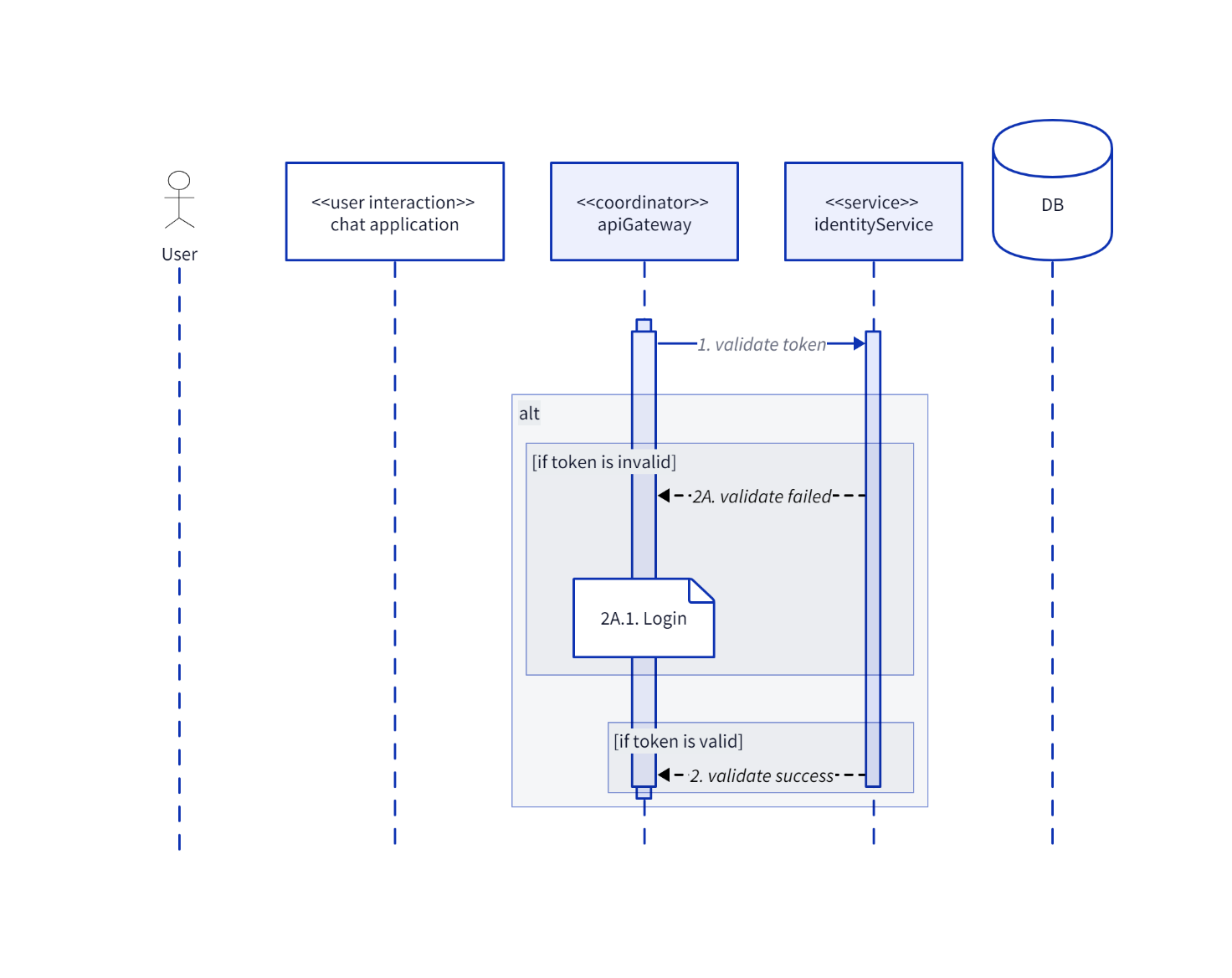
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### HelperSequenceDiagram

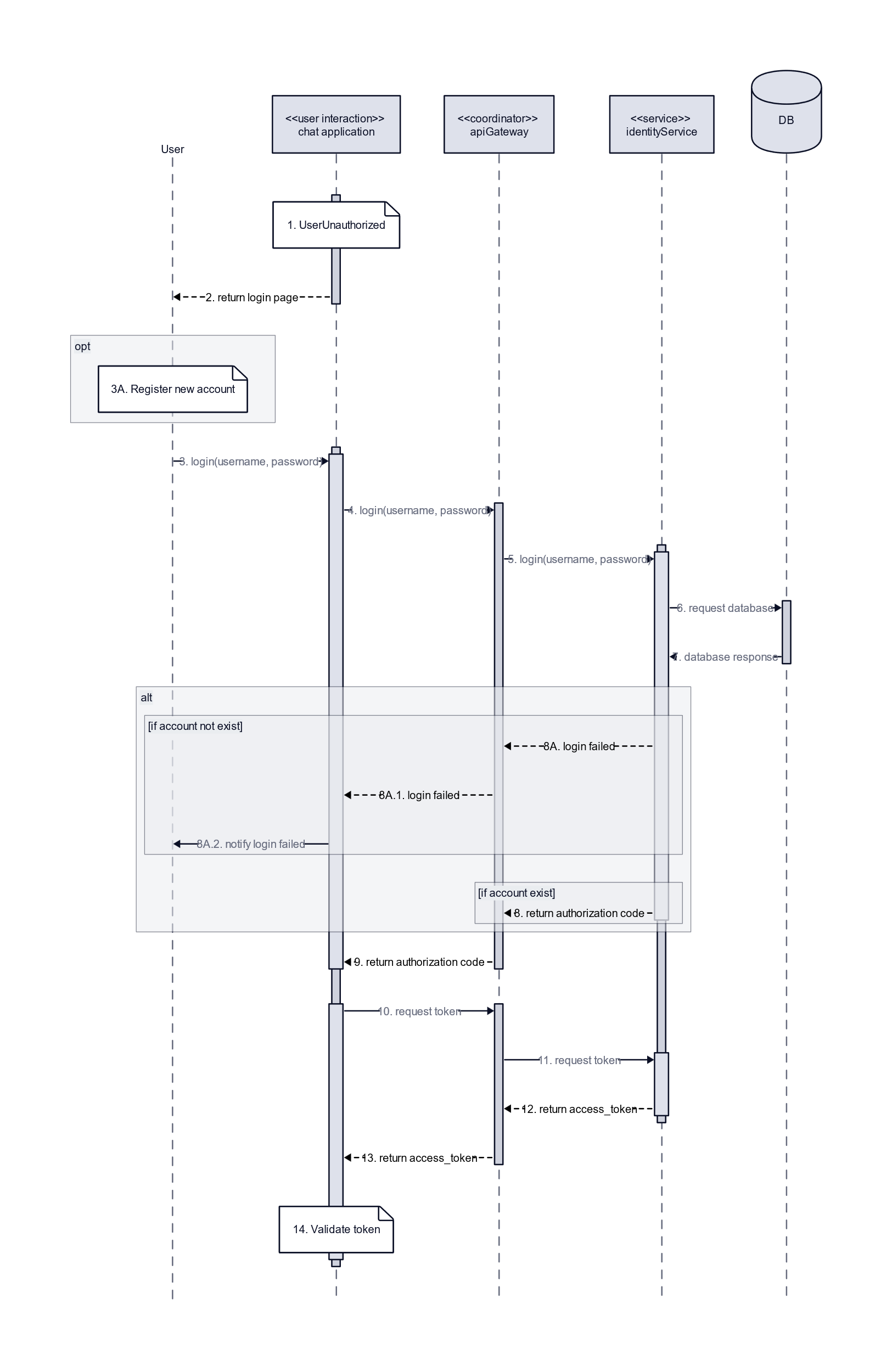
#### UserUnauthorized

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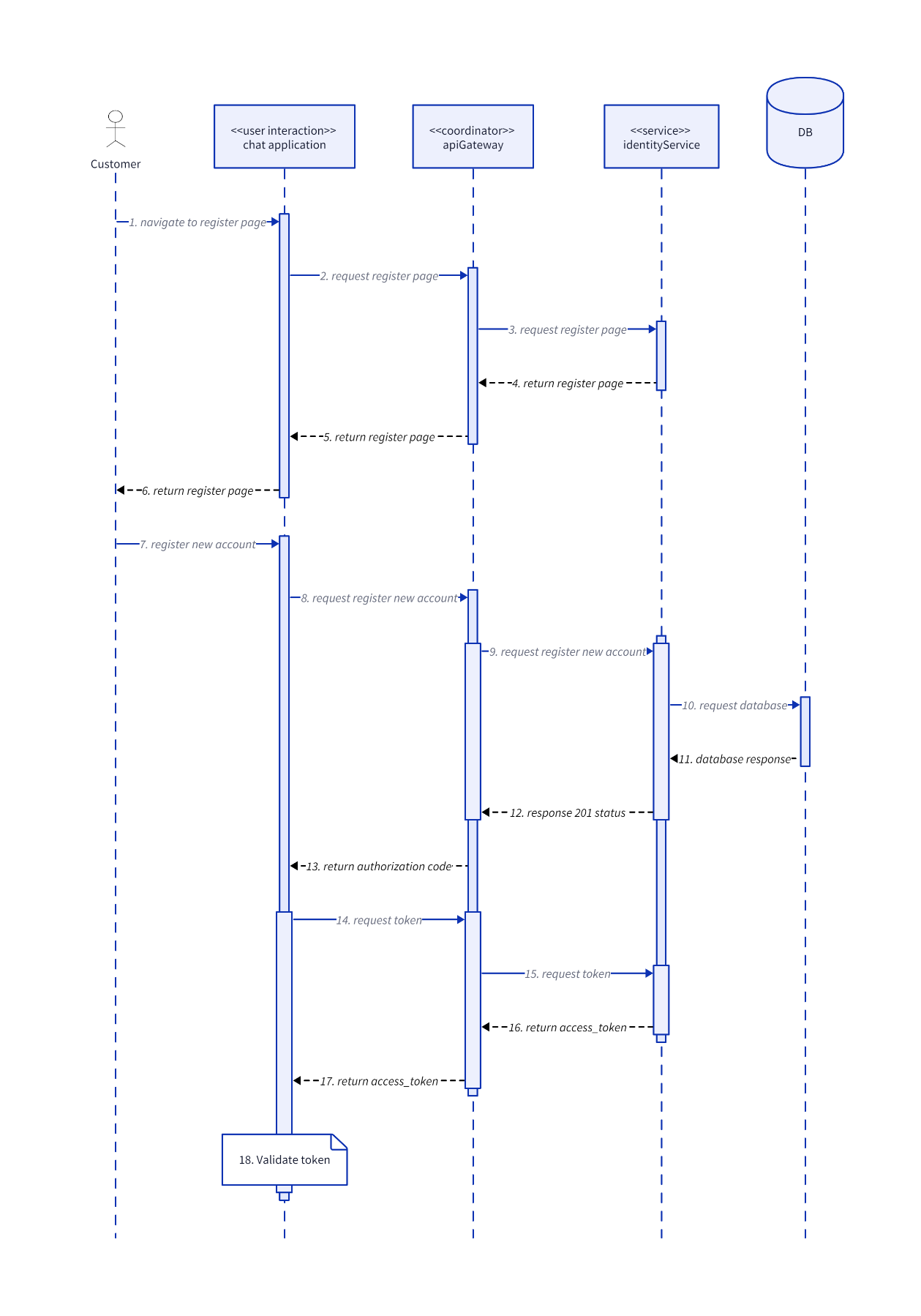
#### ValidateToken

****

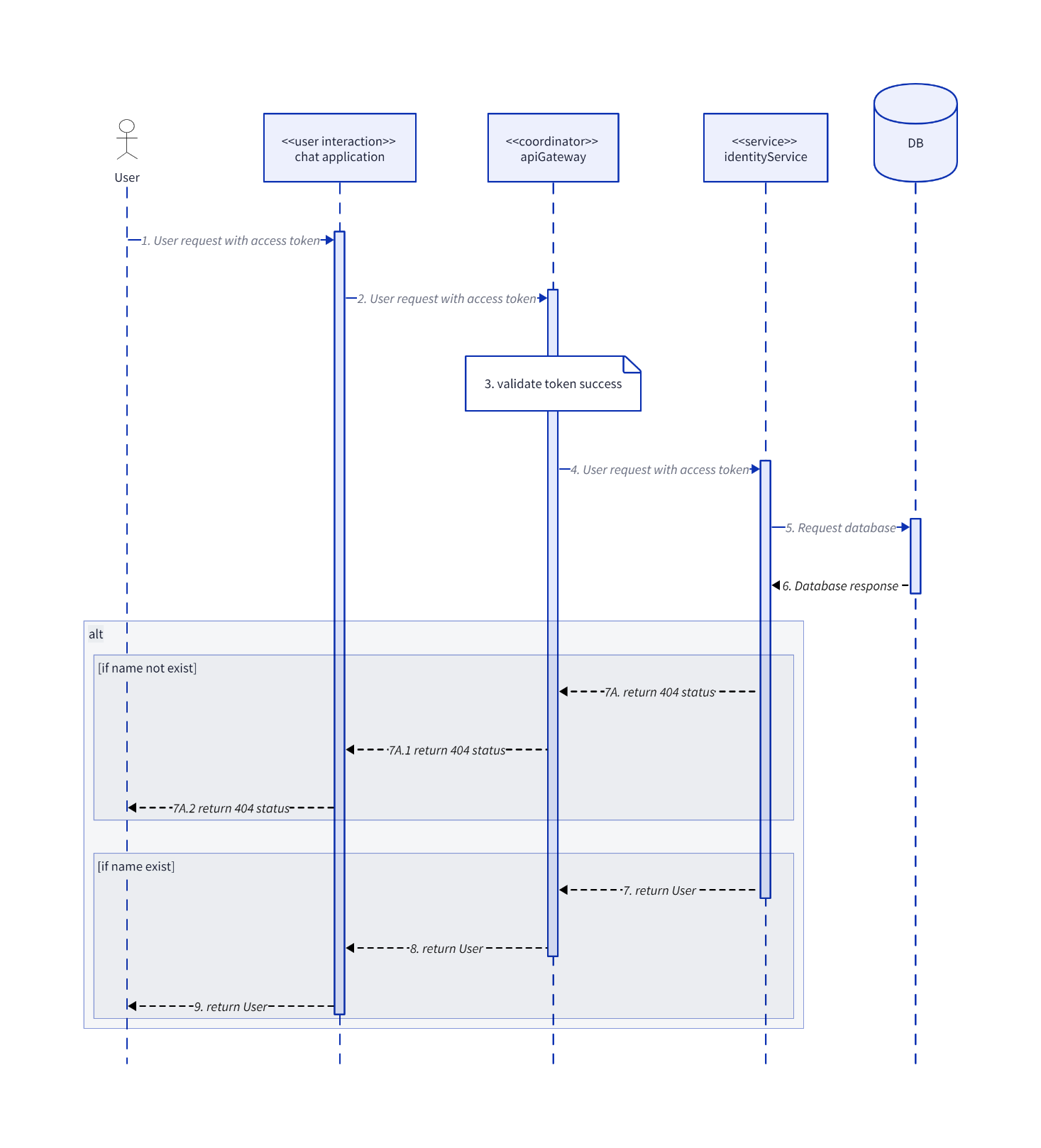
### Login



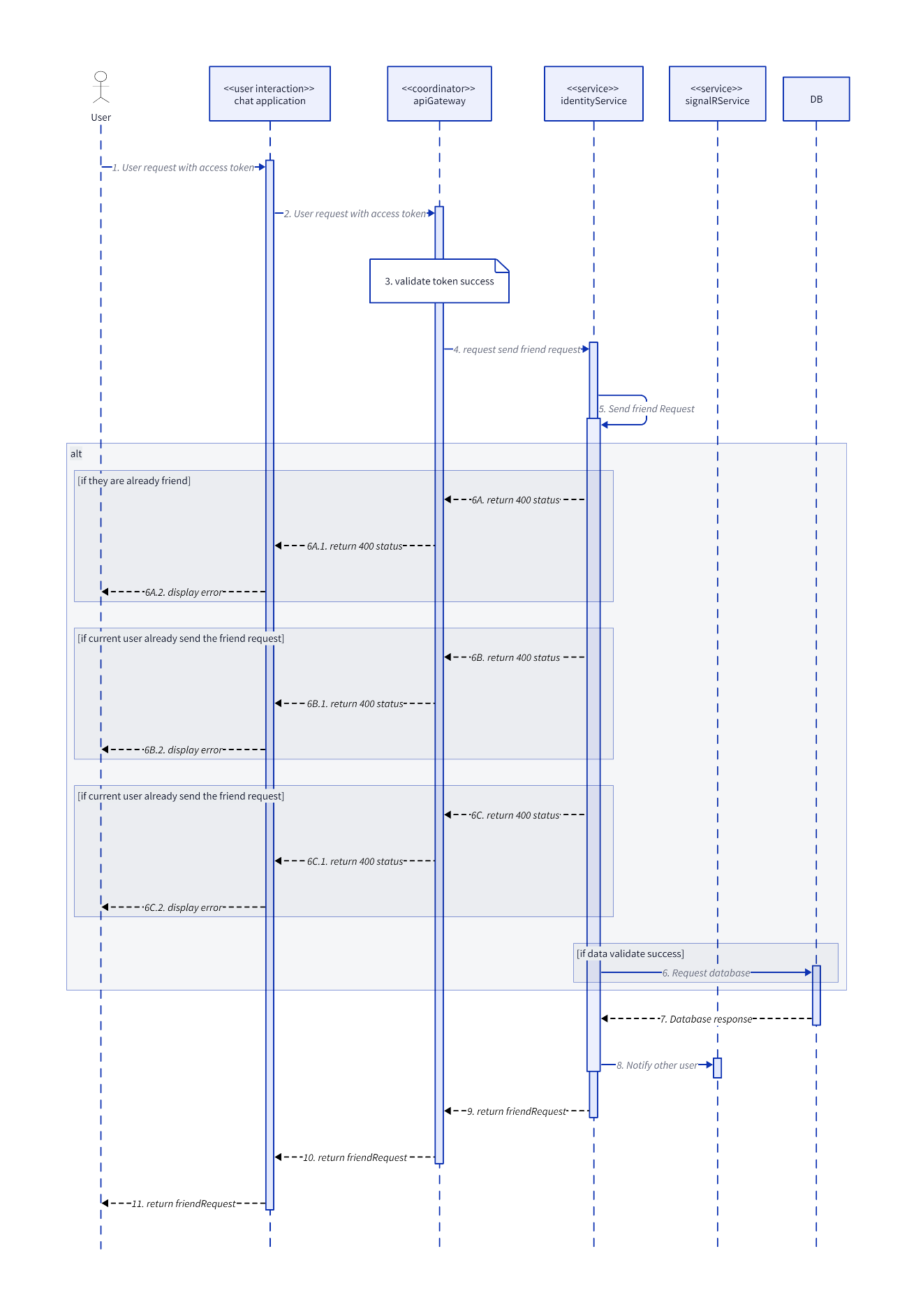
### Register

****

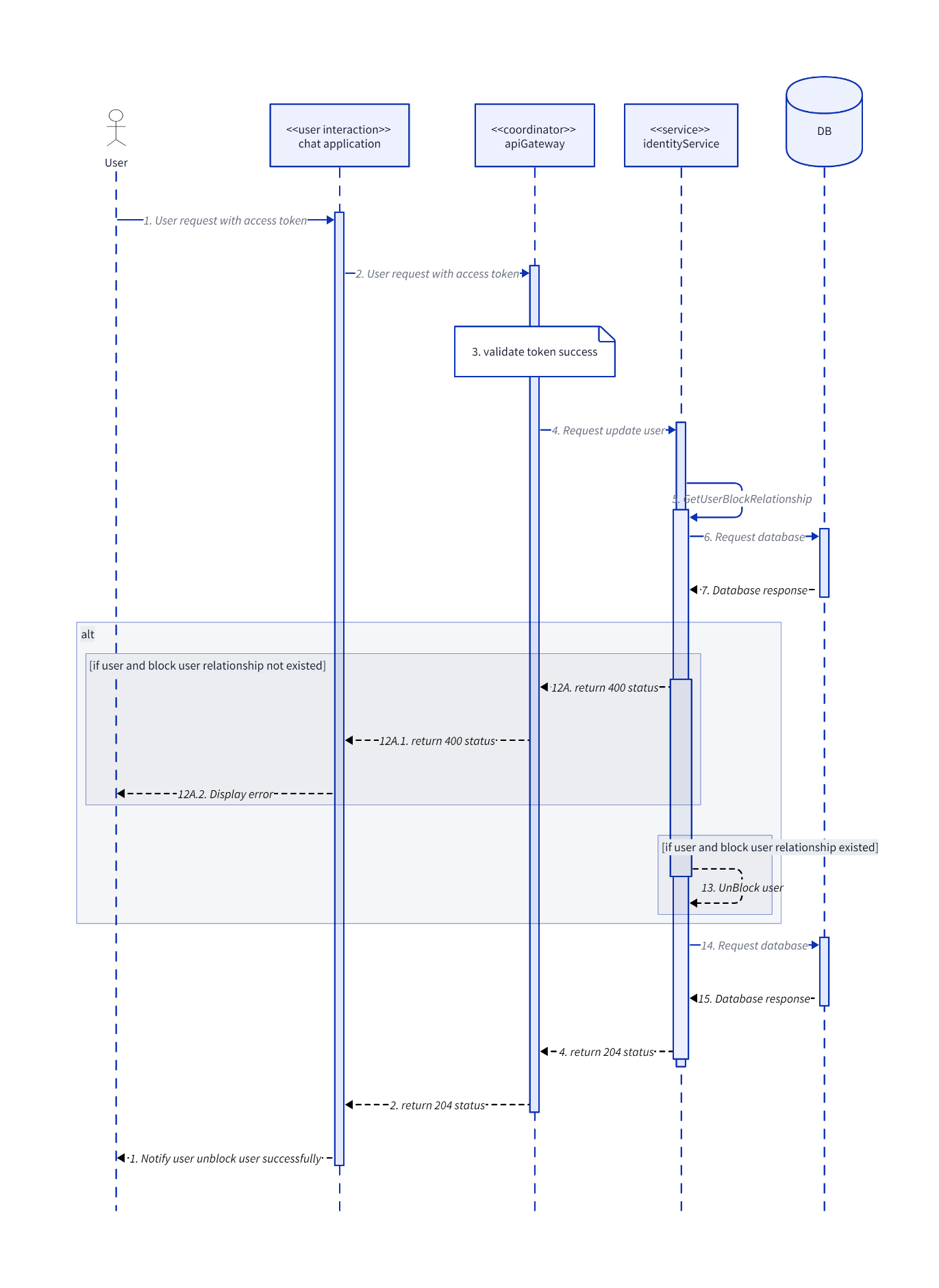
### SearchUser

****

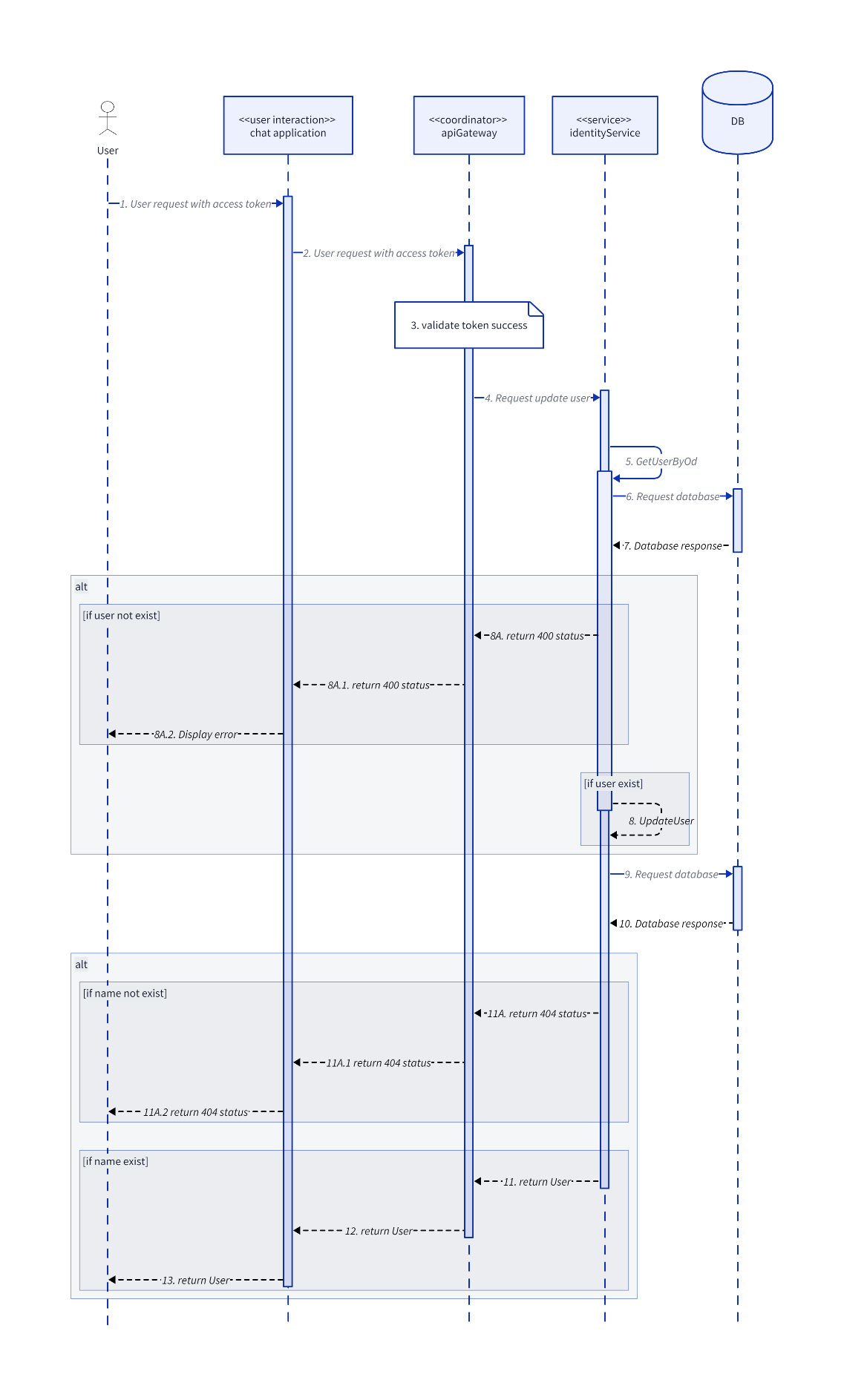
### SendFriendRequest

****

### UnblockUser

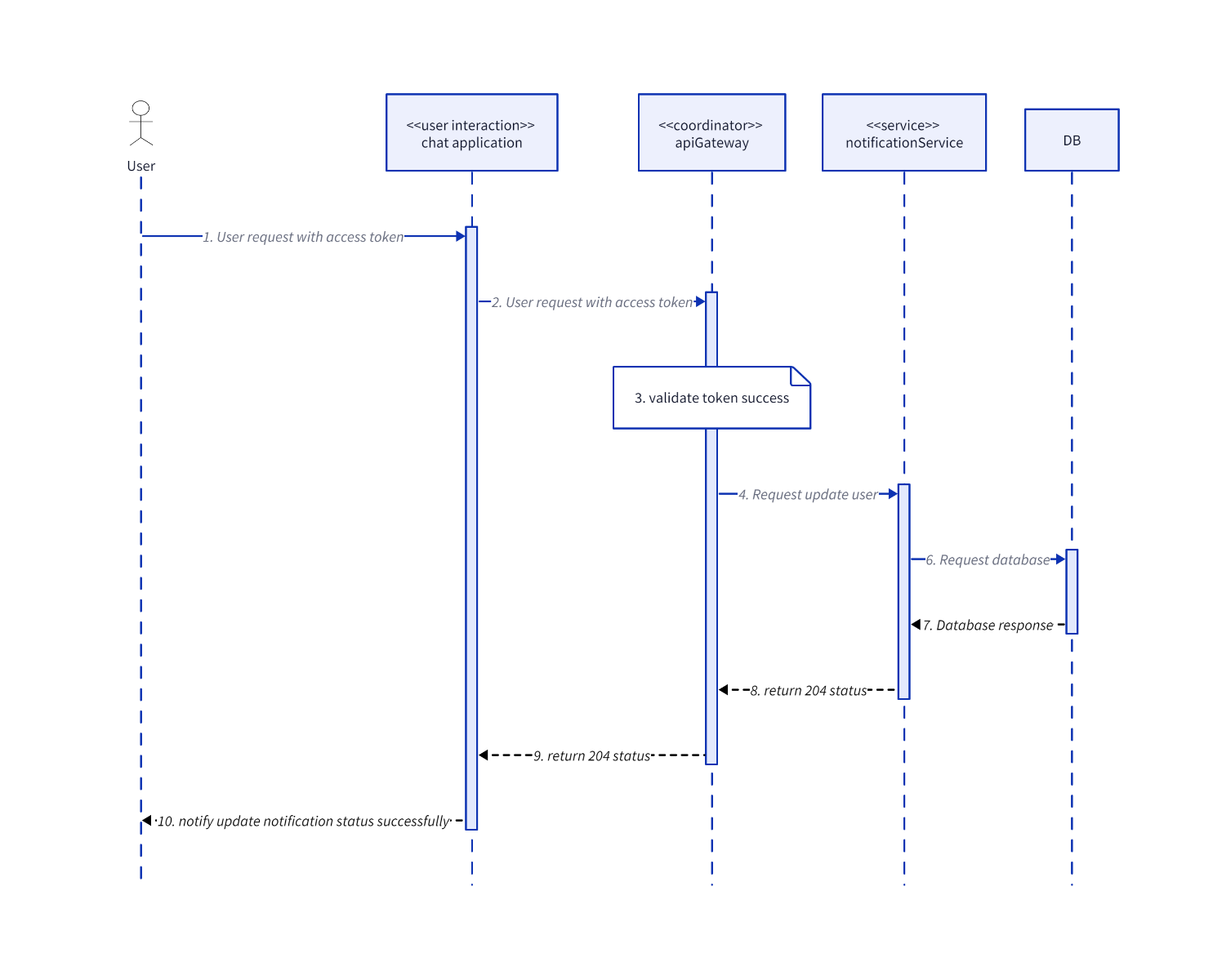
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### UpdateUser

****

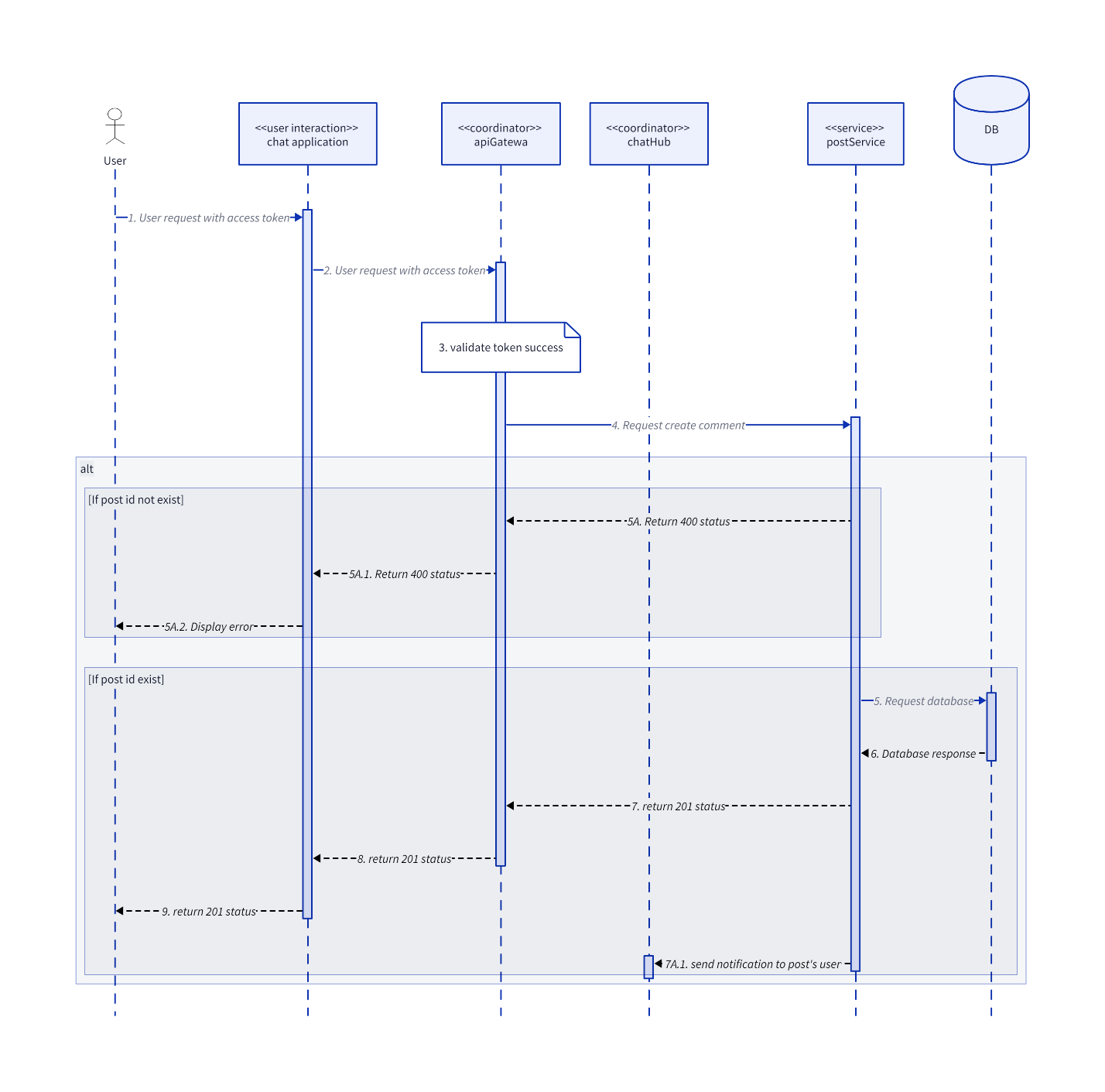
## Notification

### UpdateNotificationStatus

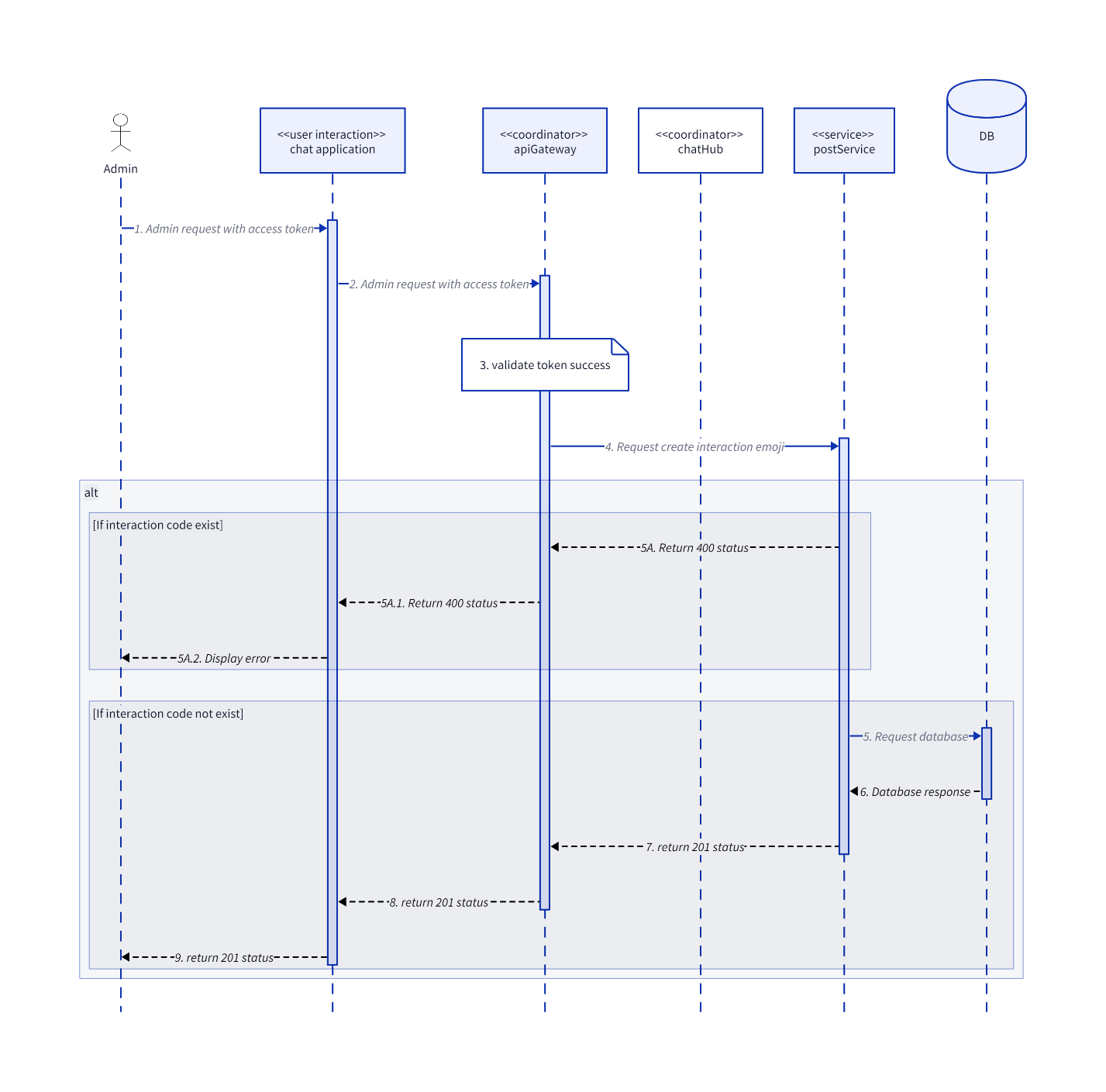
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## Post

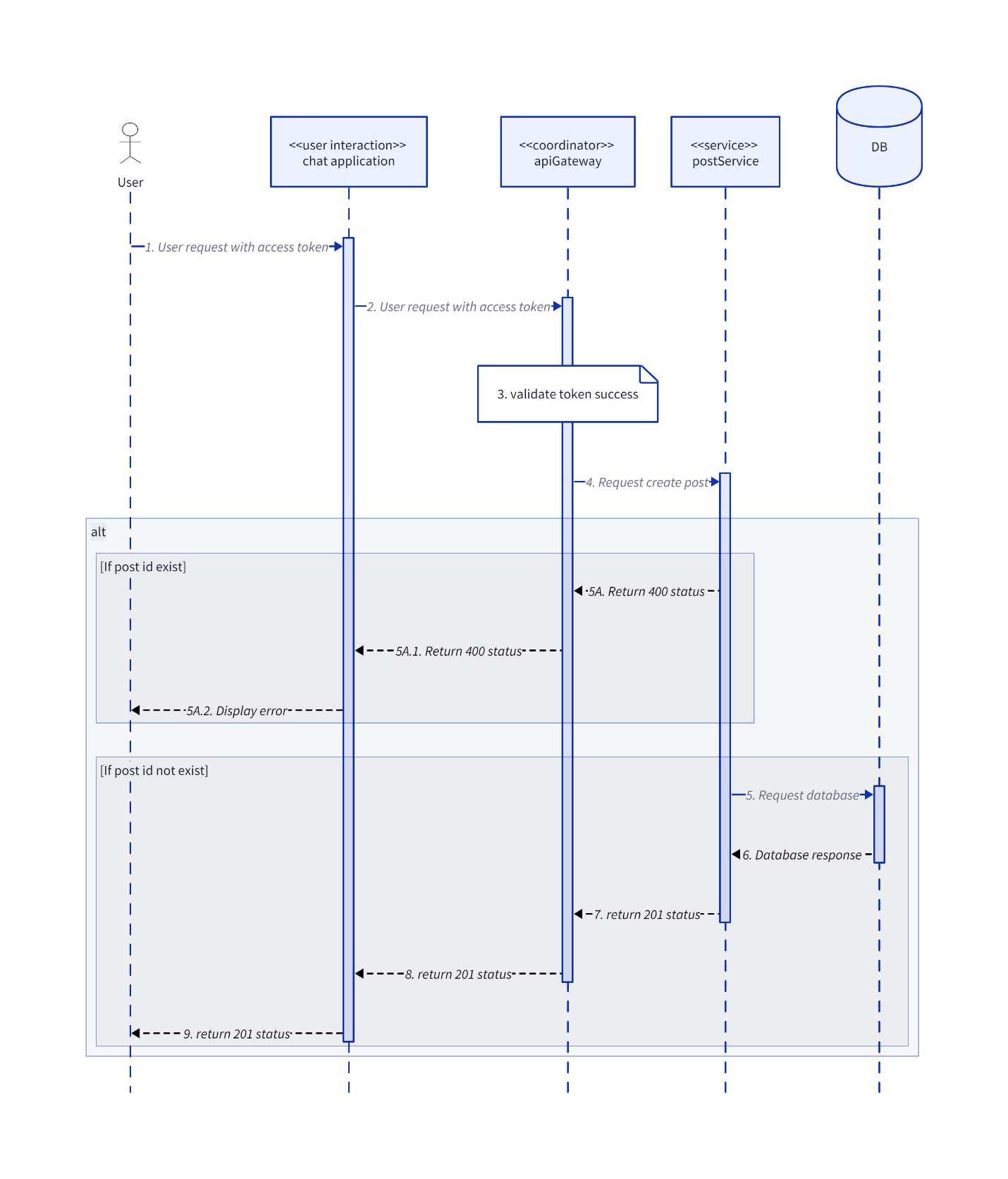
### CreateComment

****

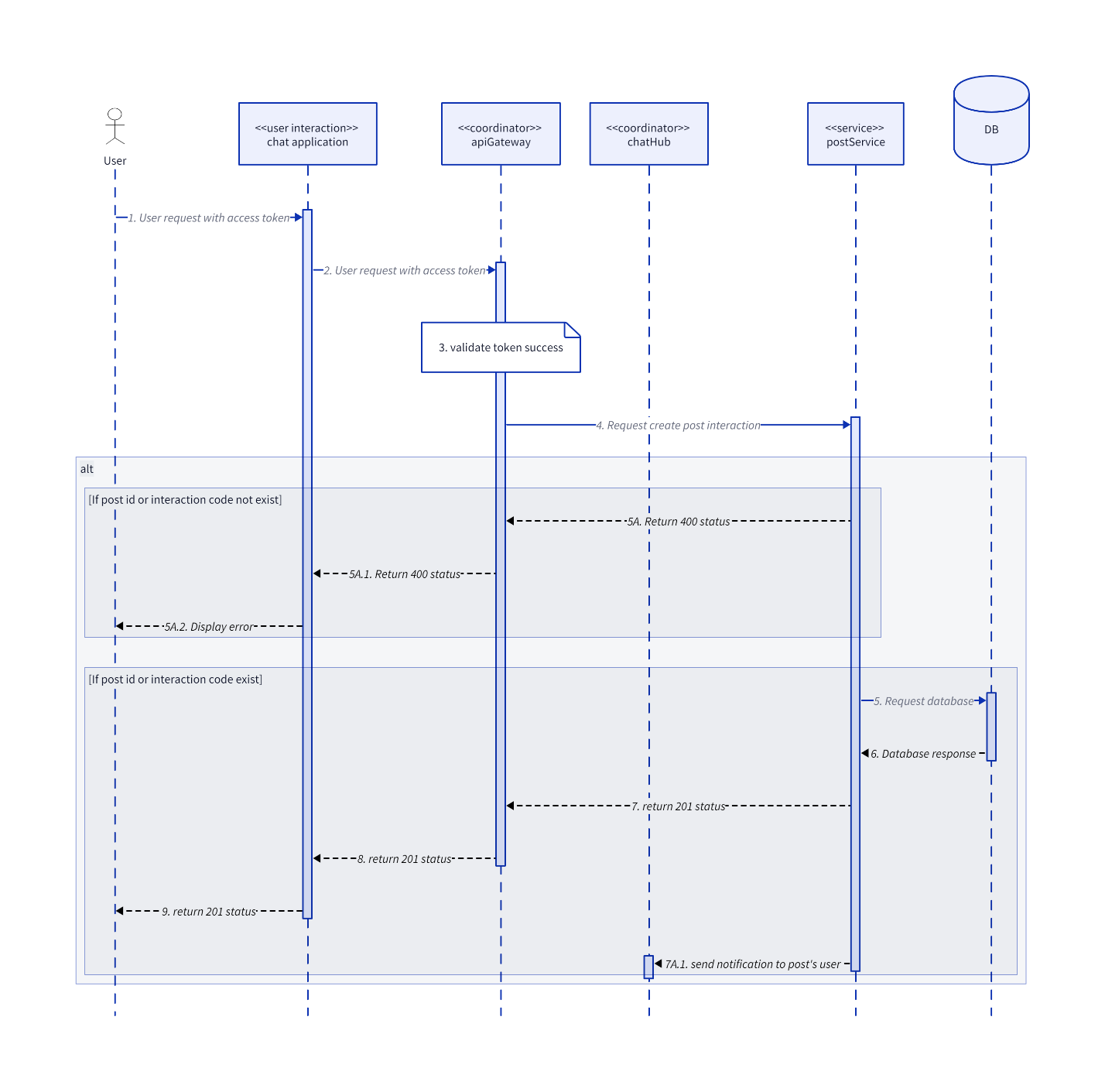
### CreateInteractionEmoji

****

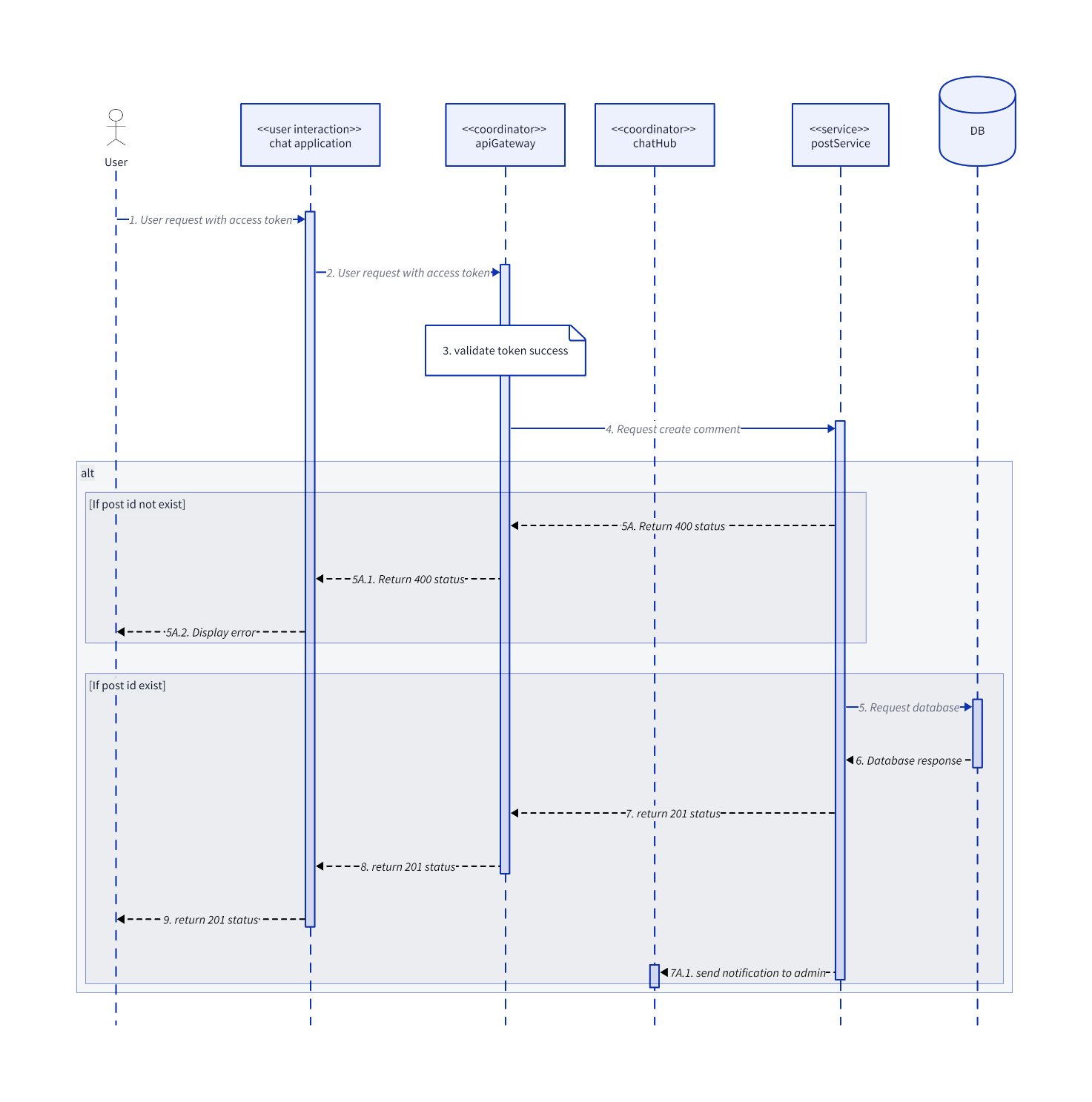
### CreatePost

****

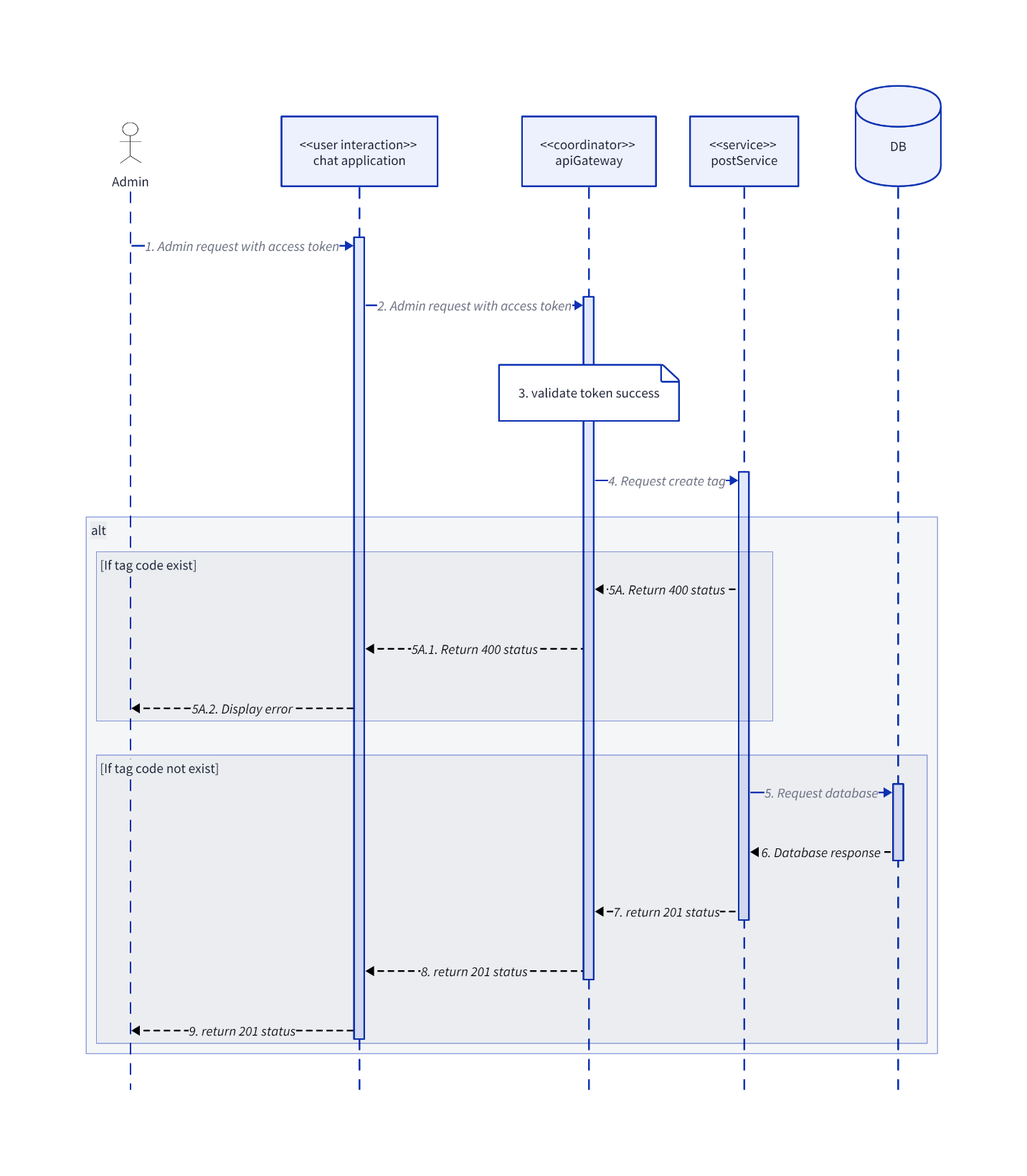
### CreatePostInteraction

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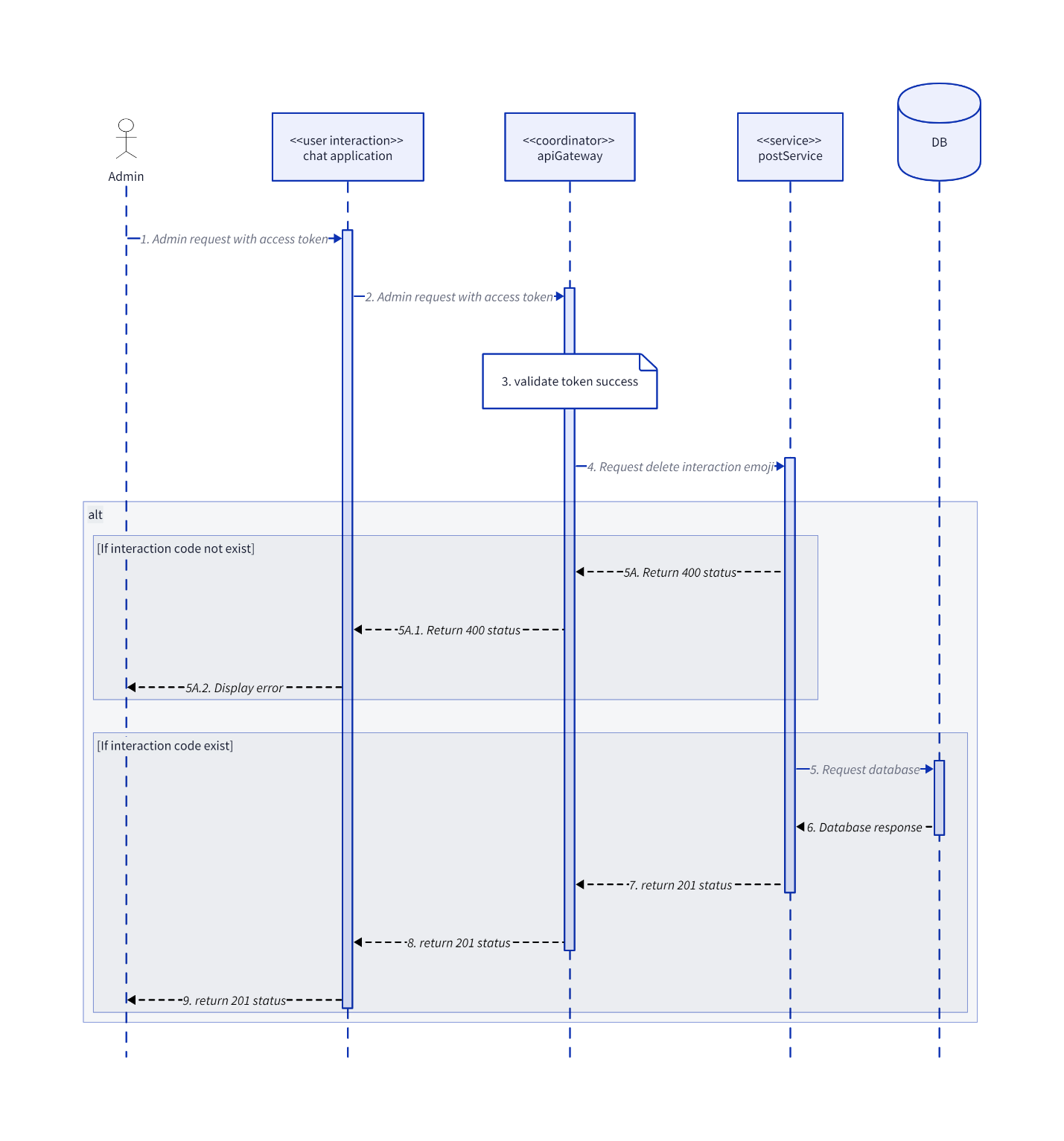
### CreatePostReport

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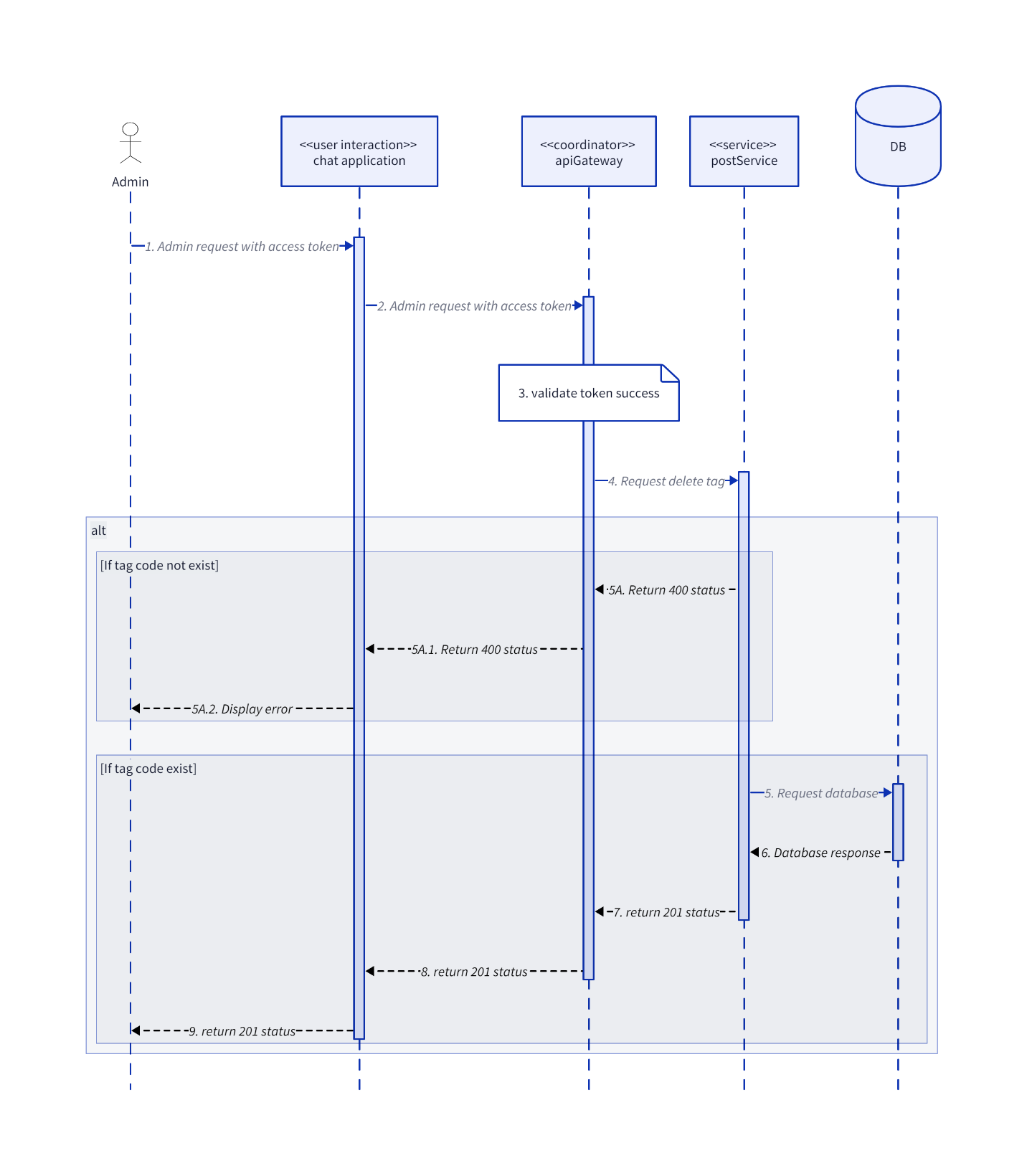
### CreateTag

****

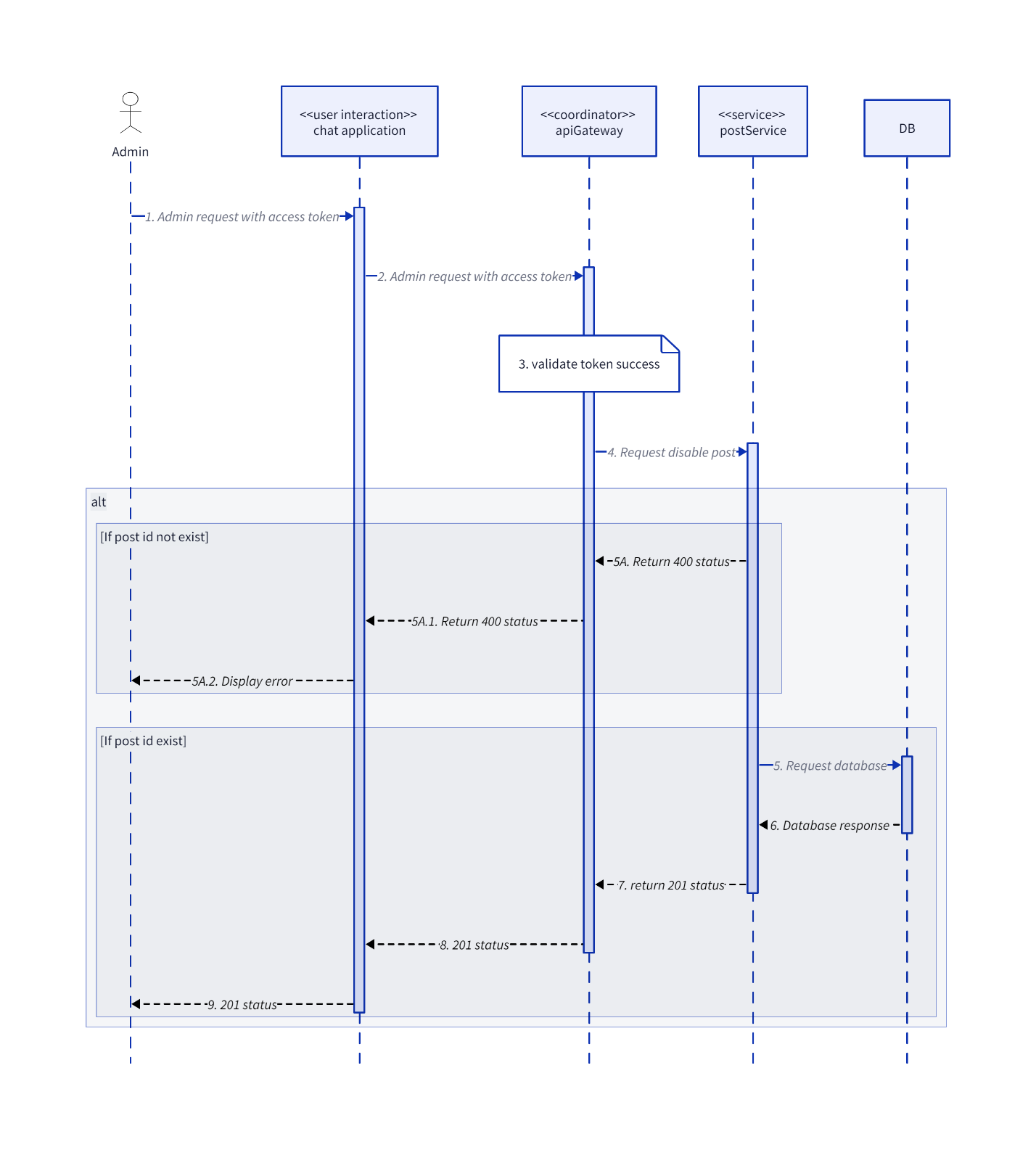
### DeleteInteractionEmoji

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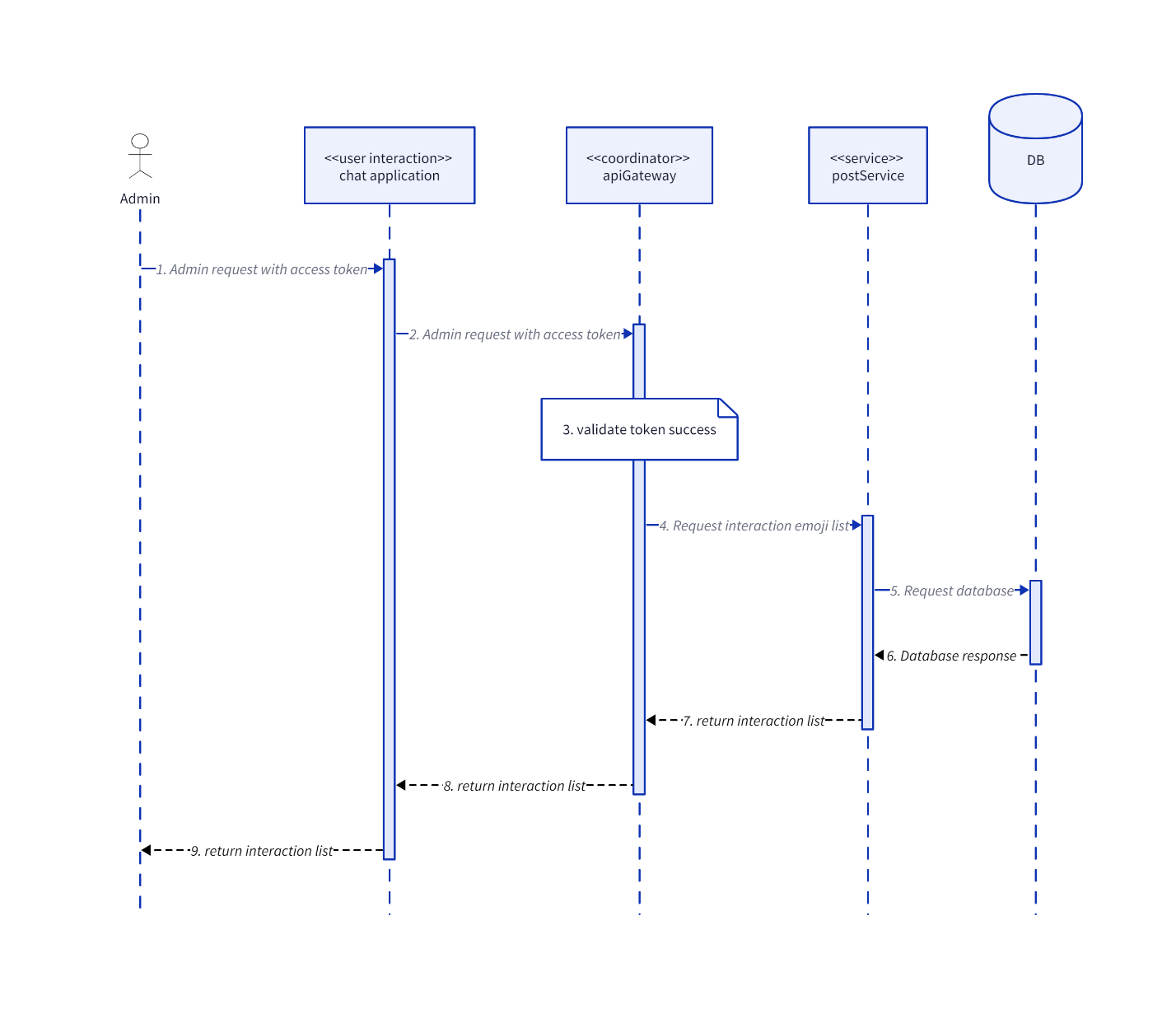
### DeleteTag

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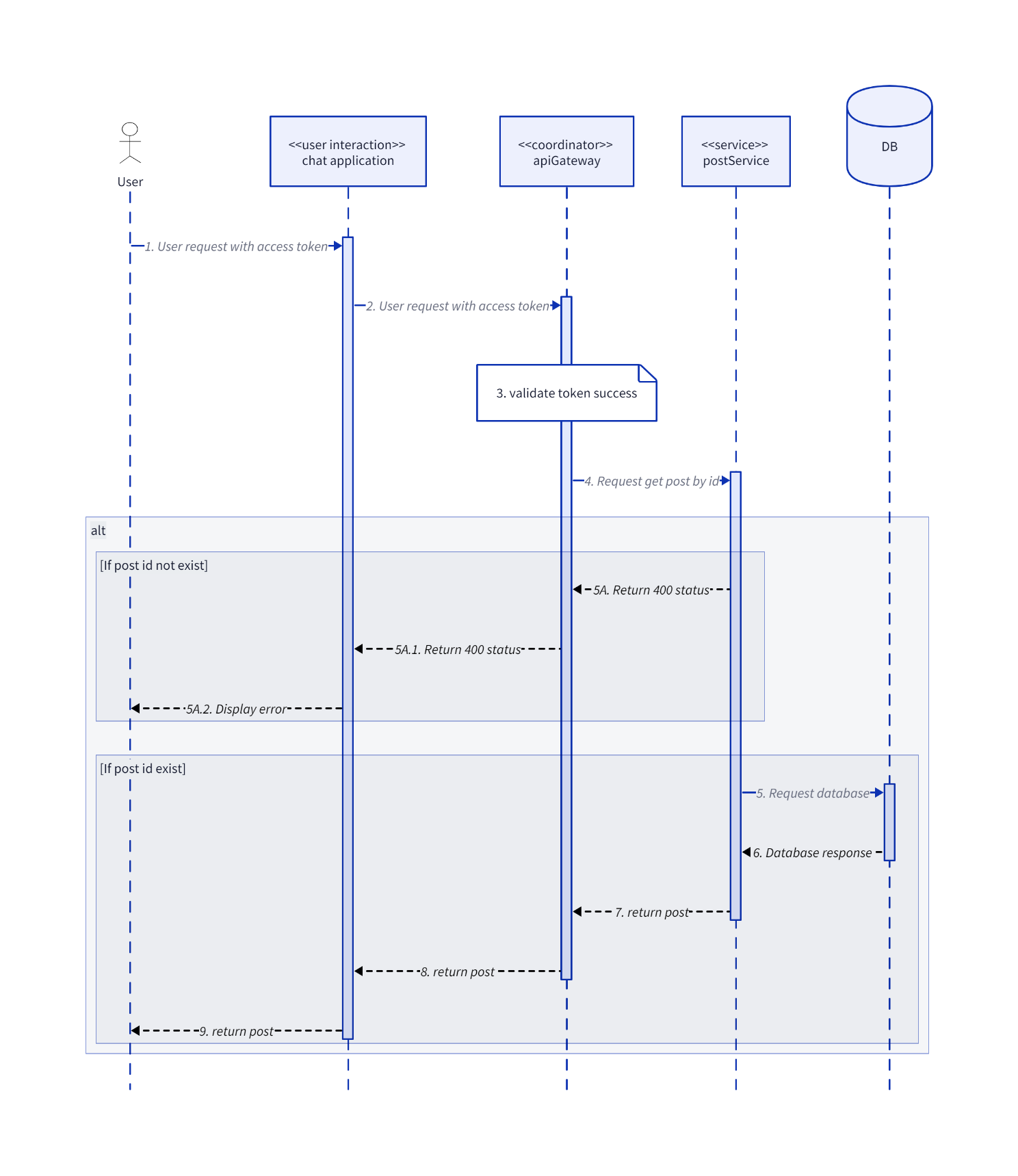
### DisablePost

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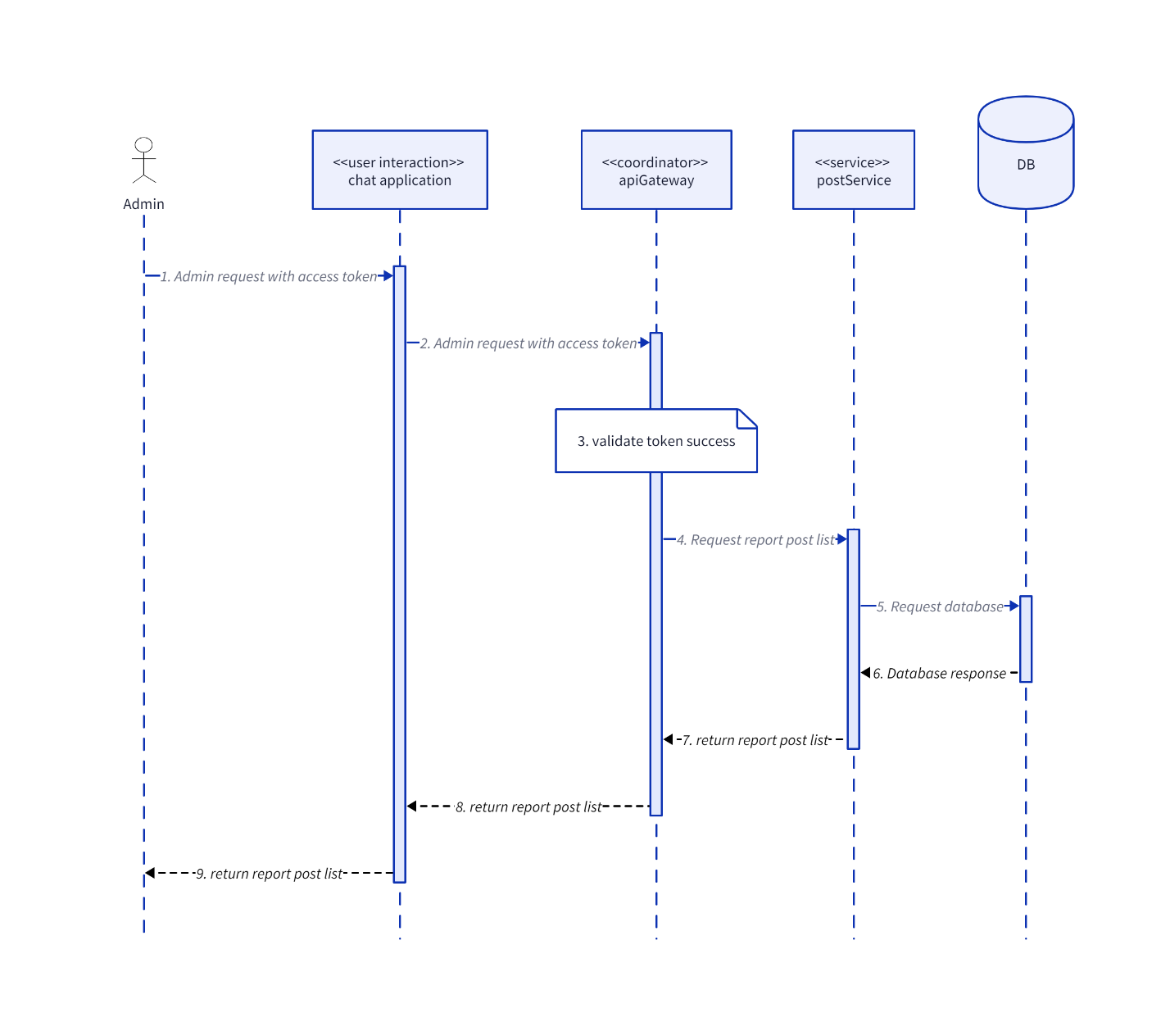
### GetListInteractionEmoji

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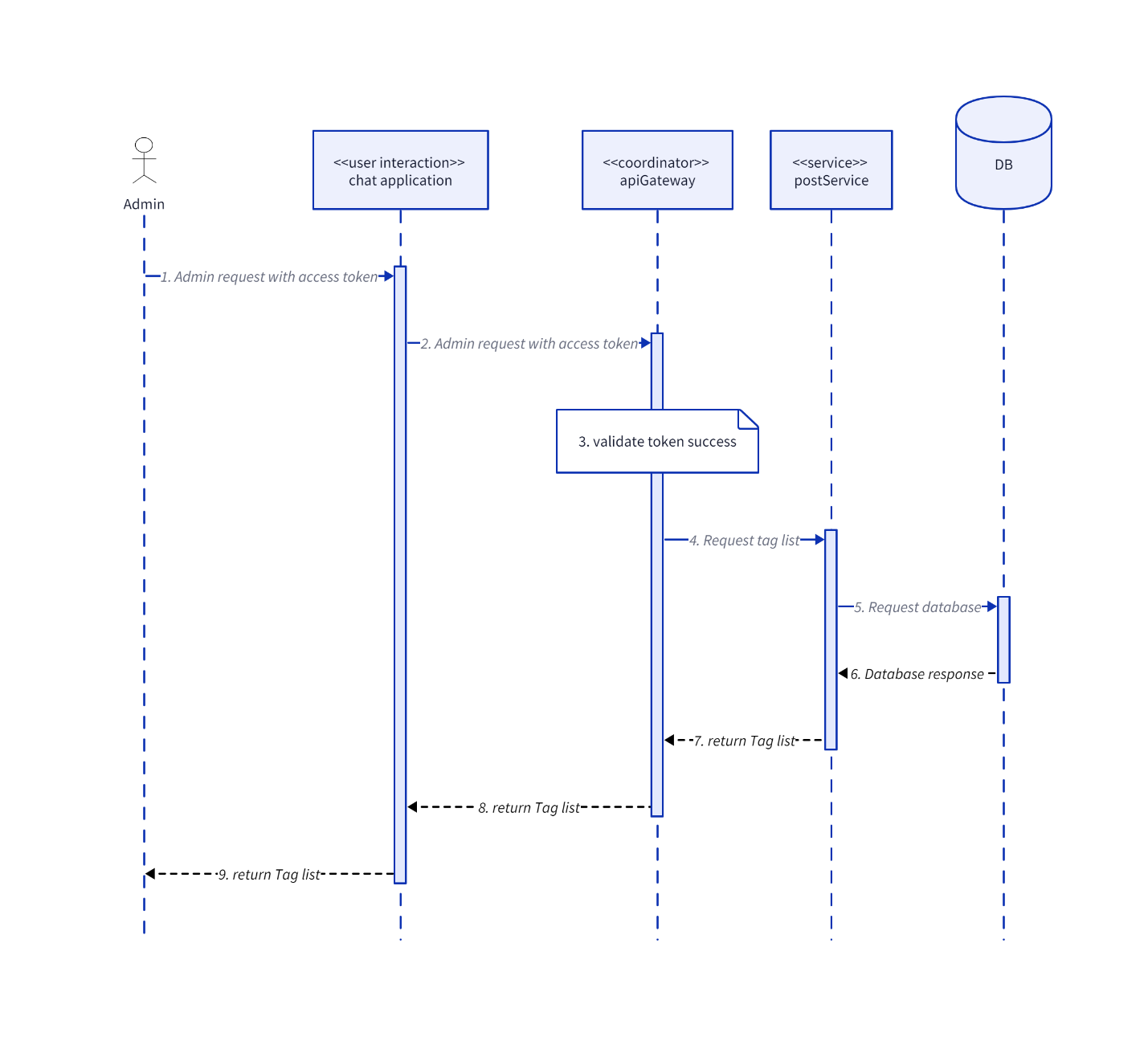
### GetPostById

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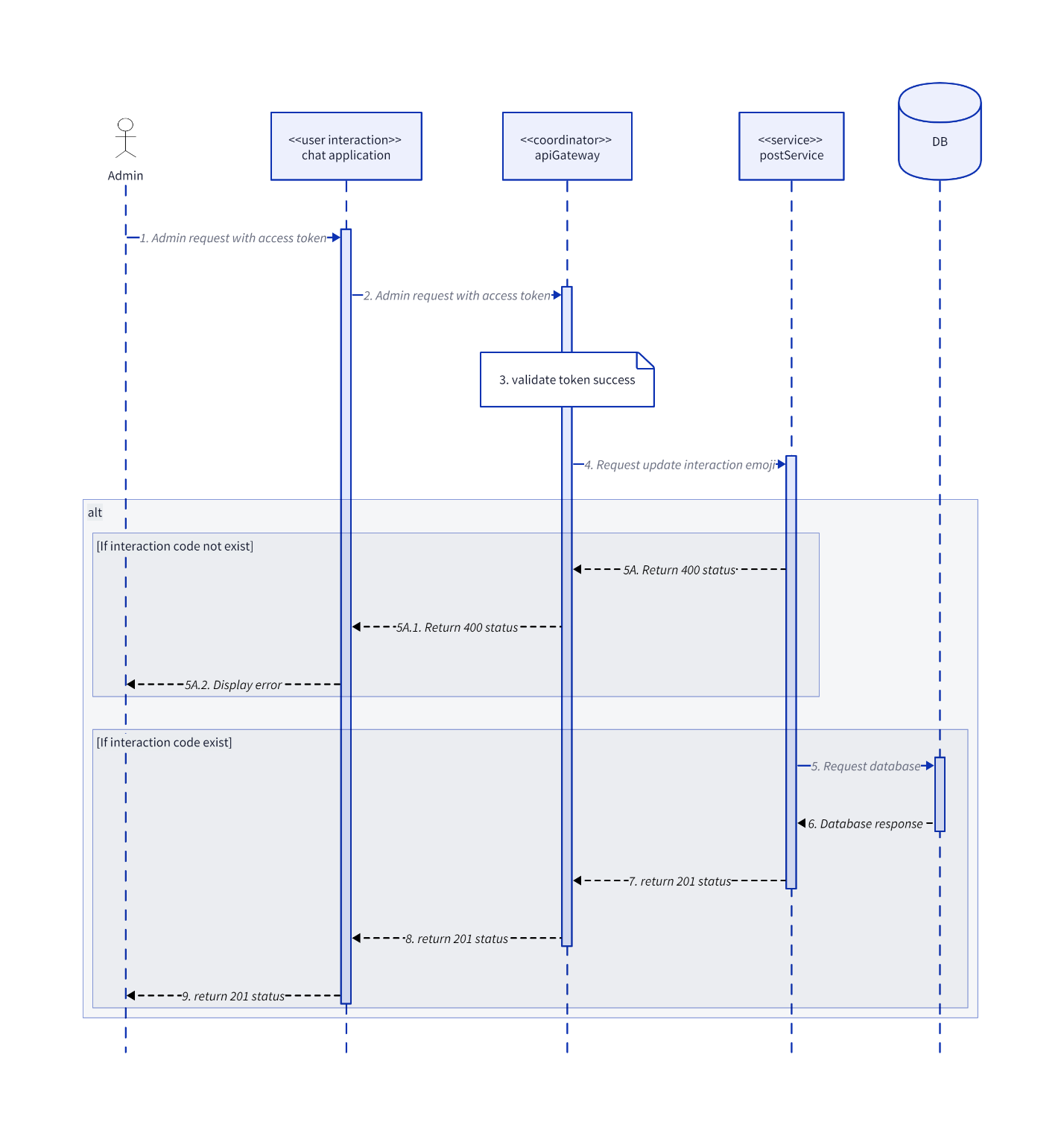
### GetReportPostList

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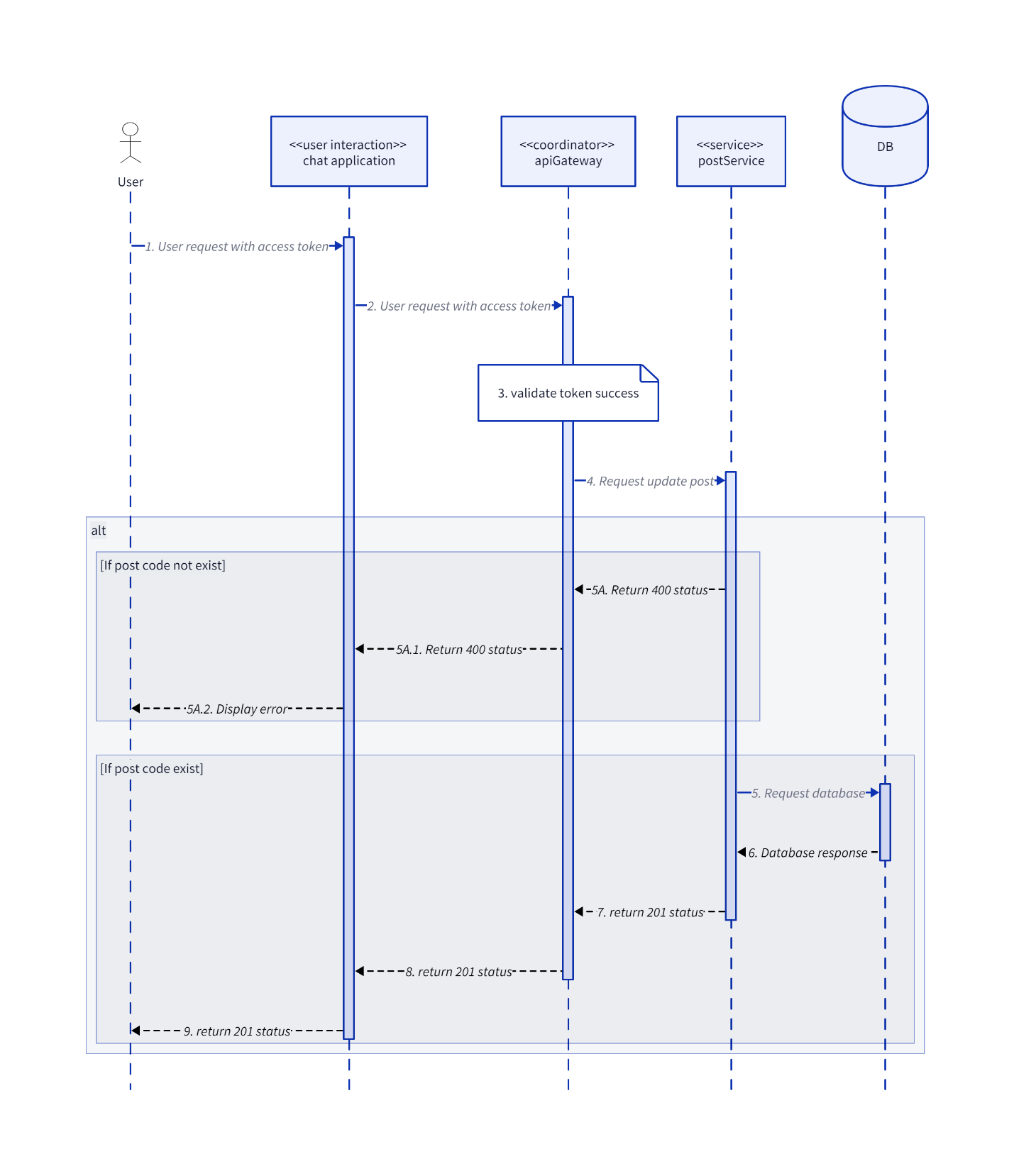
### GetTagList

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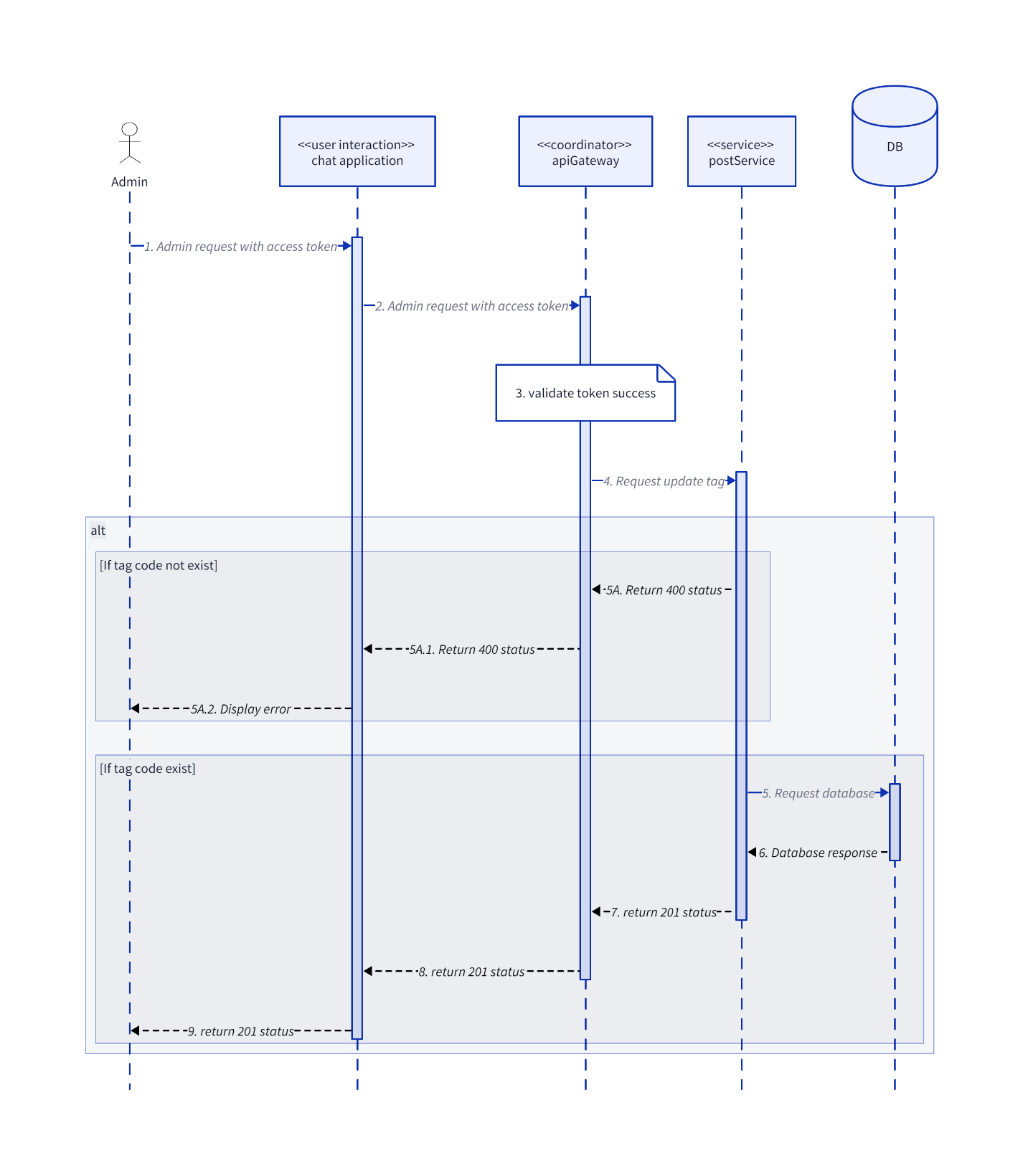
### UpdateInteractionEmoji

****

### UpdatePost

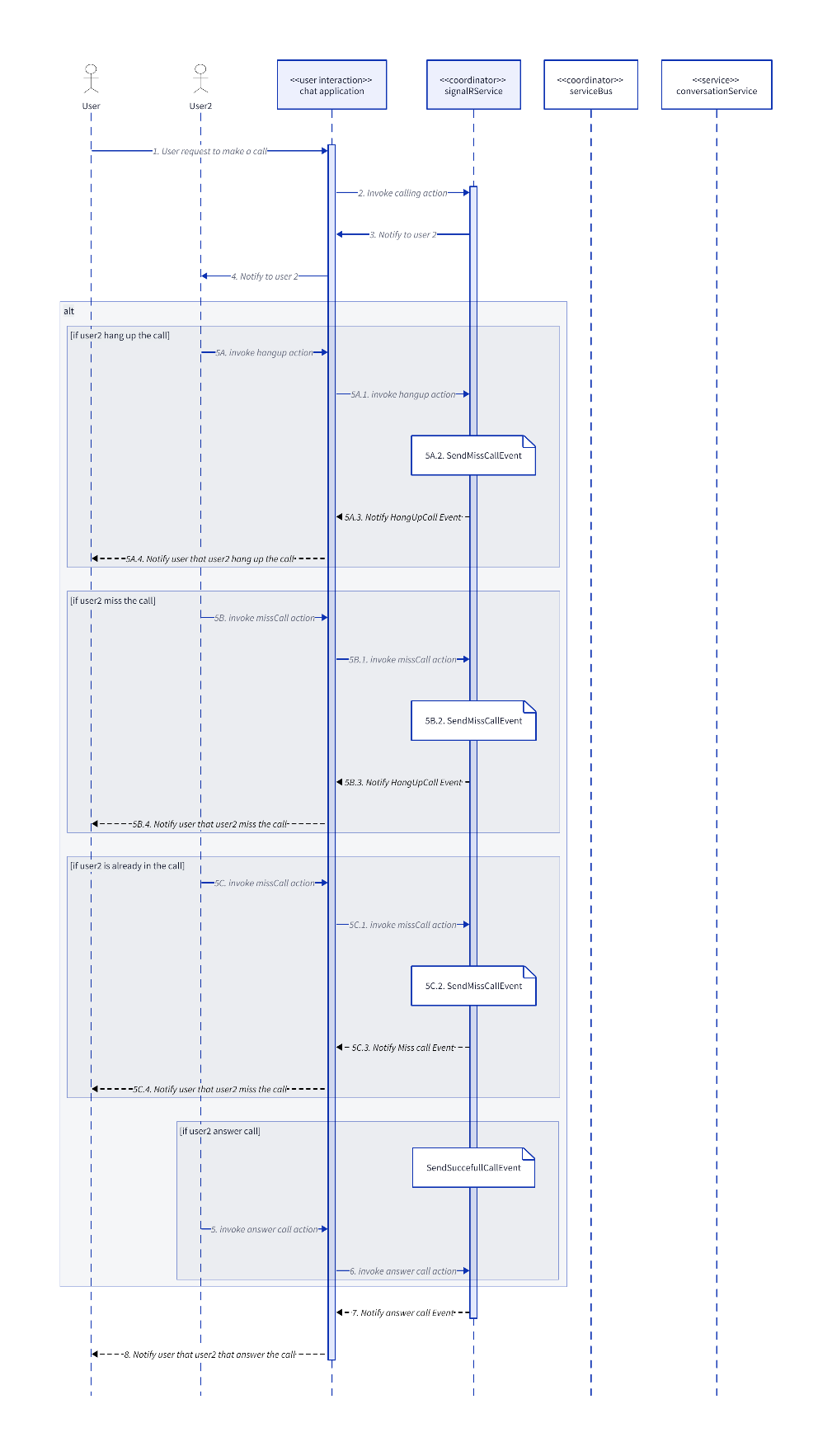
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### UpdateTag

****

## Websocket

### Call

****

### SendCallEventMessageToClient

