

# Use Cases Analysis Model (OOA)

Team SA1

## Use Case: Join Community

- Analysis Classes Diagram

<< boundary >>



<< entity >>



<< controller >>



### Join Community

<< JoinCommunityForm >>



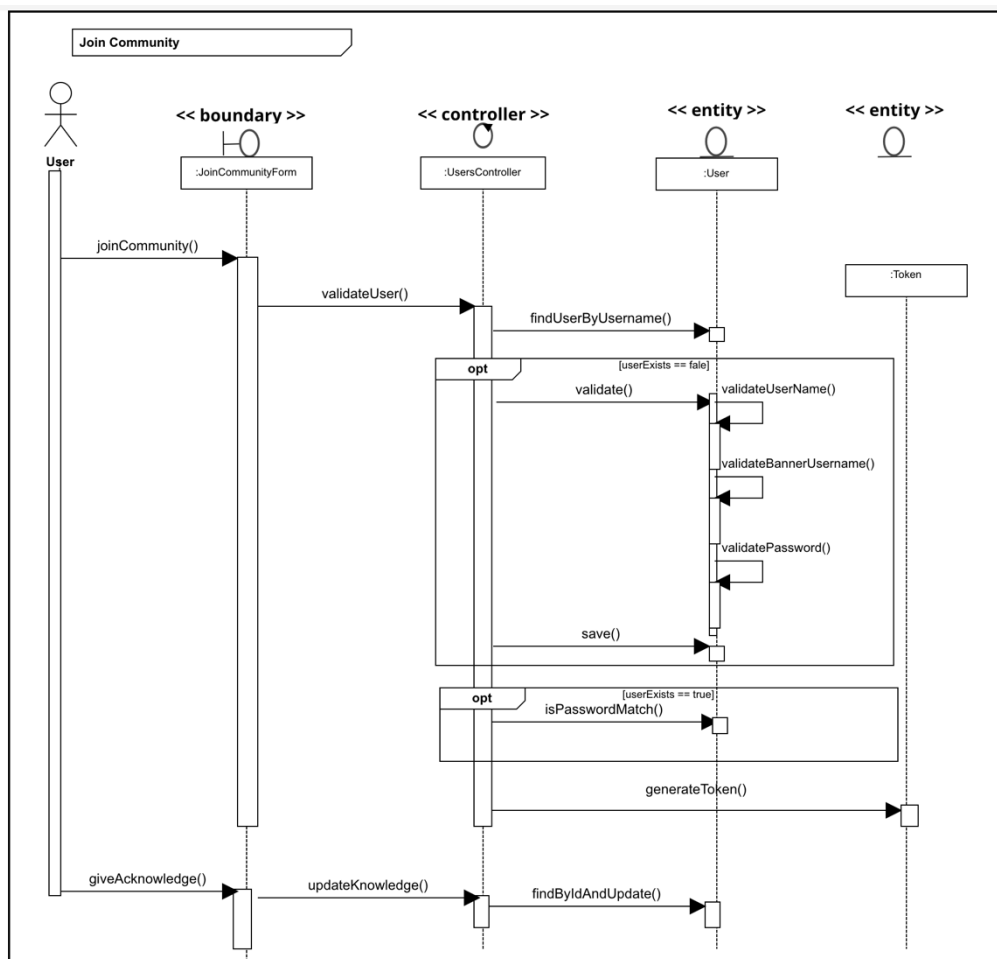
<< UserController >>



<< User >>

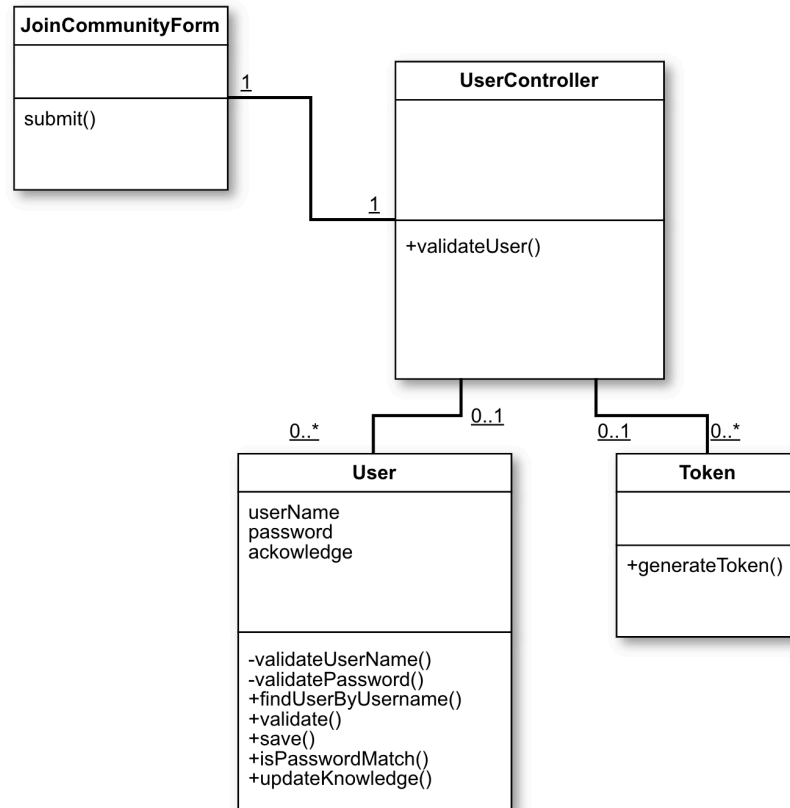


- Sequence Diagram



- **Class Diagram**

Join Community VOPC

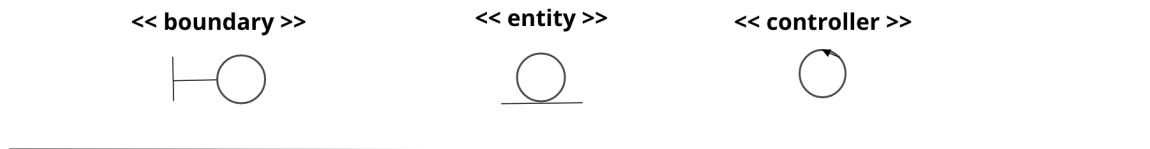


- **Mapping Classes**

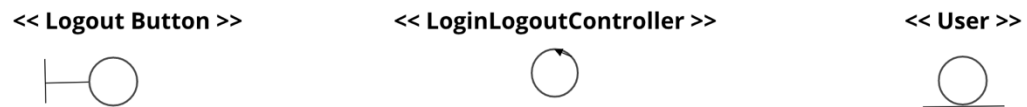
Analysis Class Type	Analysis Class	Corresponding Code Element
Boundary	JoinCommunityForm	
Control	UserController	controllers/usersController.js
Entity	User	model/user.js

## Use Case: Login/Logout

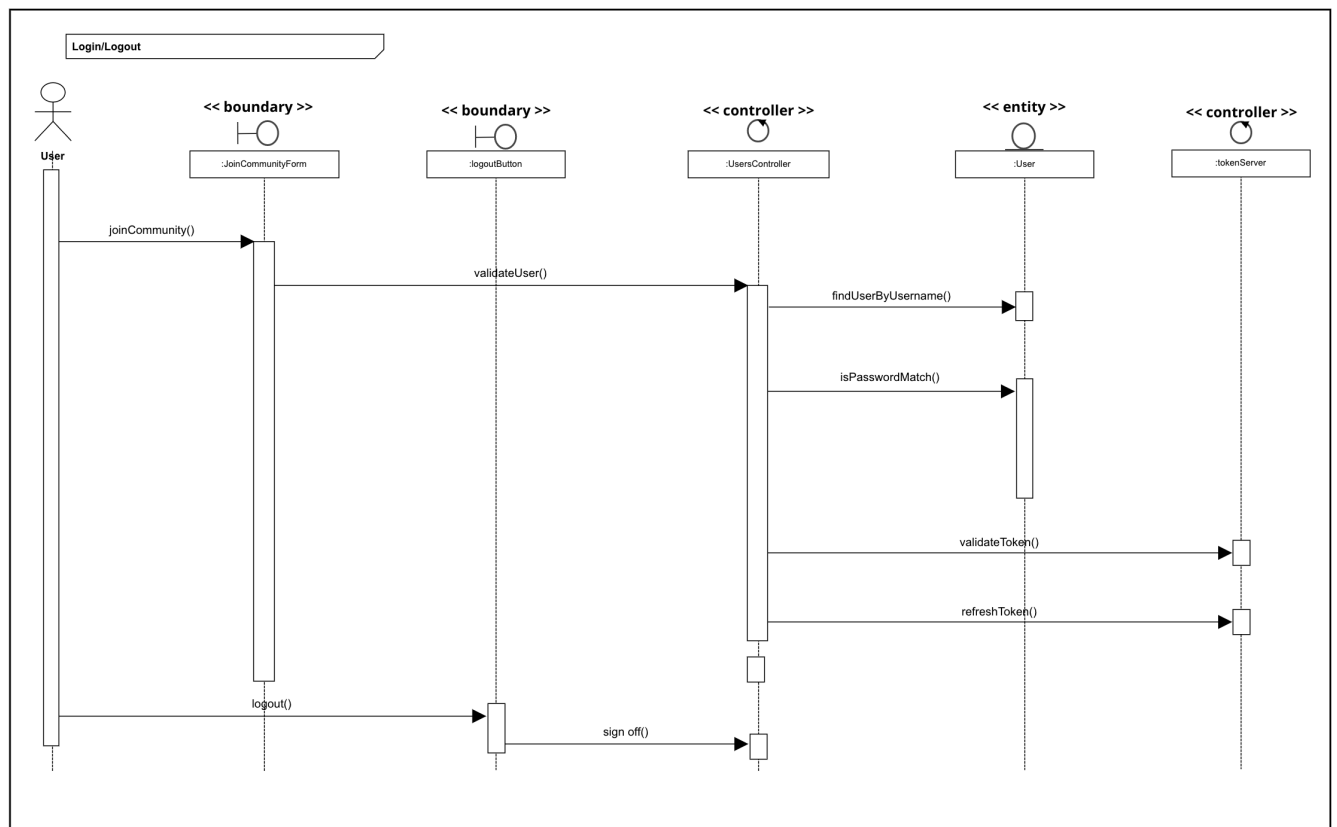
- Analysis Classes Diagram



### Login/Logout

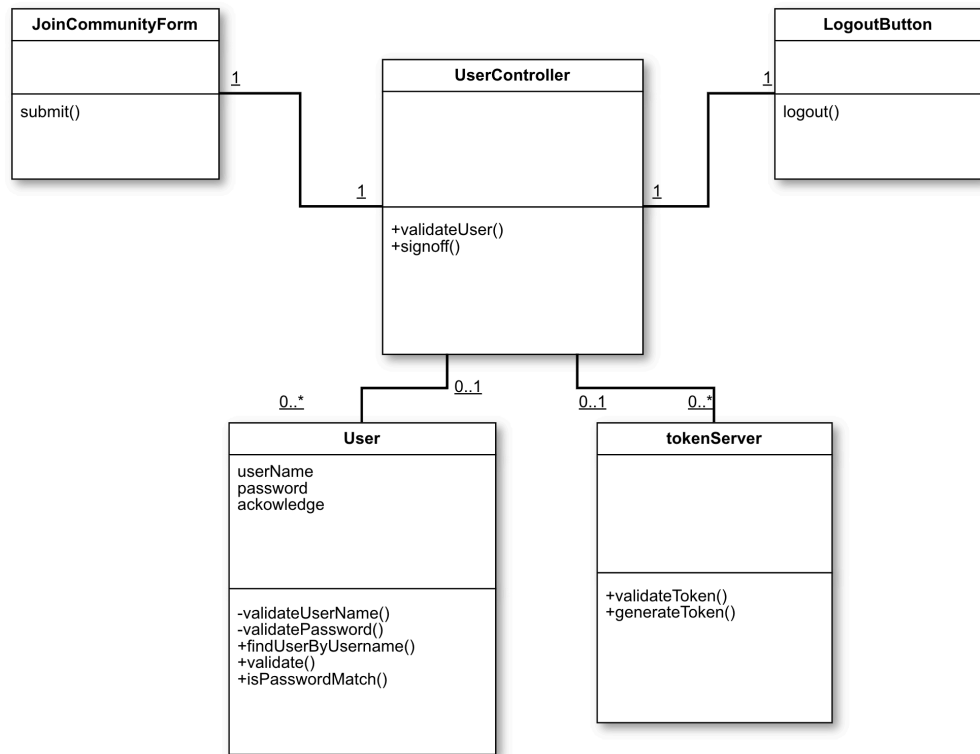


- Sequence Diagram



- **Class Diagram**

**Login/Logout VOPC**



- **Mapping Classes**

Analysis Class Type	Analysis Class	Corresponding Code Element
Boundary	JoinCommunityForm	
Boundary	Logout Button	N/A
Controller	LoginLogoutController	controllers/loginlogoutController.js
Controller	tokenServer	middleware/tokenServer.js
Entity	User	model/user.js

## Use Case: Chat Publicly

- Analysis Classes Diagram

<< boundary >>



<< entity >>



<< controller >>



### Chat Publicly

<< ChatMessageForm >>



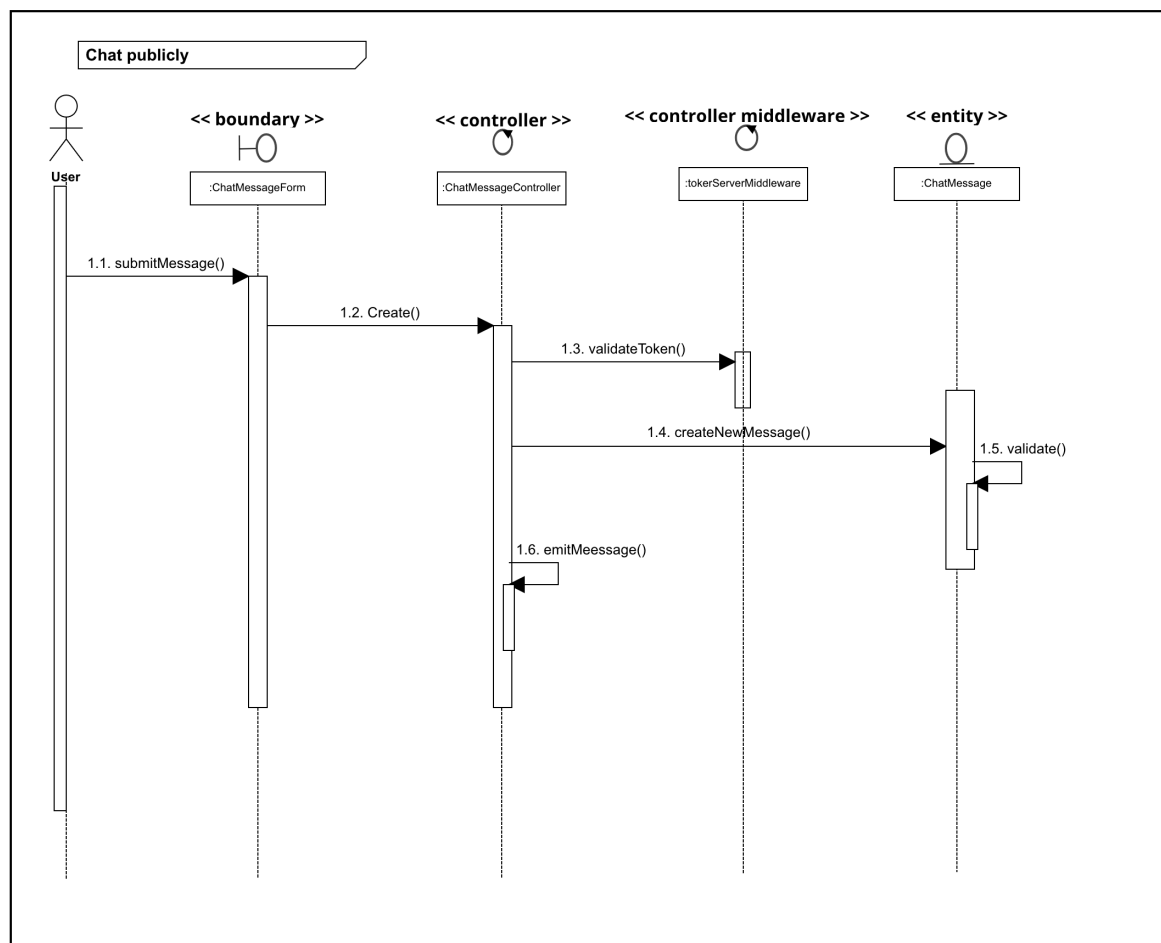
<< ChatMessageController >>



<< ChatMessage >>

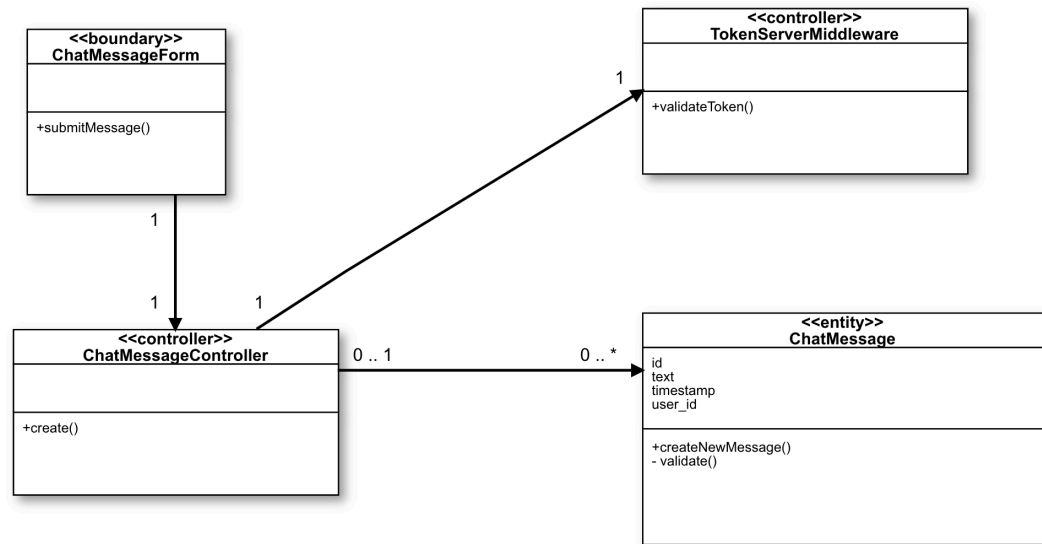


- Sequence Diagram



- Class Diagram VOPC

#### Chat publicly Class Diagram - VOPC



- Mapping Classes

Chat Publicly		
Analysis Class Type	Analysis Class	Corresponding Code Element
Boundary	ChatMessageForm	
Controller	ChatMessageController	controllers/ChatMessageController.js
Controller	tokenServer	middleware/tokenServer.js
Entity	ChatMessage	model/ChatMessage.js