## -seriaVersionUID: long -senderID: int -receiverID: int -content: String -hasRead: boolean +getReadStatus(): boolean +setAsRead() +setAsUnread() +getSenderID(): int +getReceiverID(): int +getContent(): string

## -serialVersionUID: long -messageList: ArrayList<Message Entity> +addMessage() +getMessageByReceiver(ID: int): List<Integer> +exportFormedMessageBySequence(sequence: List<int>): ArrayList<String> +formMessage(message: Message Entity, index: int): String +exportByPointer(pointer: int): Message Entity +alterReadStatus(pointer: int)

## Message Controller

-serialVersionUID: long-message: Message Usecase-sequence: List<int>

+writeMessage(currentUserID: int, receivers: String, content: String,

user: User Usecase, data: User Entity)

+viewMessage(currentID: int): ArrayList<String> +alterReadStatus(choice: String): boolean

+speakerSendToAll(currentID: int, content: String, data: User Entity): bool

+getMessage(): Message Usecase