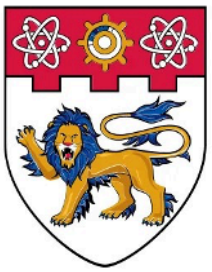

NANYANG TECHNOLOGICAL UNIVERSITY
SINGAPORE

SC2006 – Software Engineering

Sequence Diagrams

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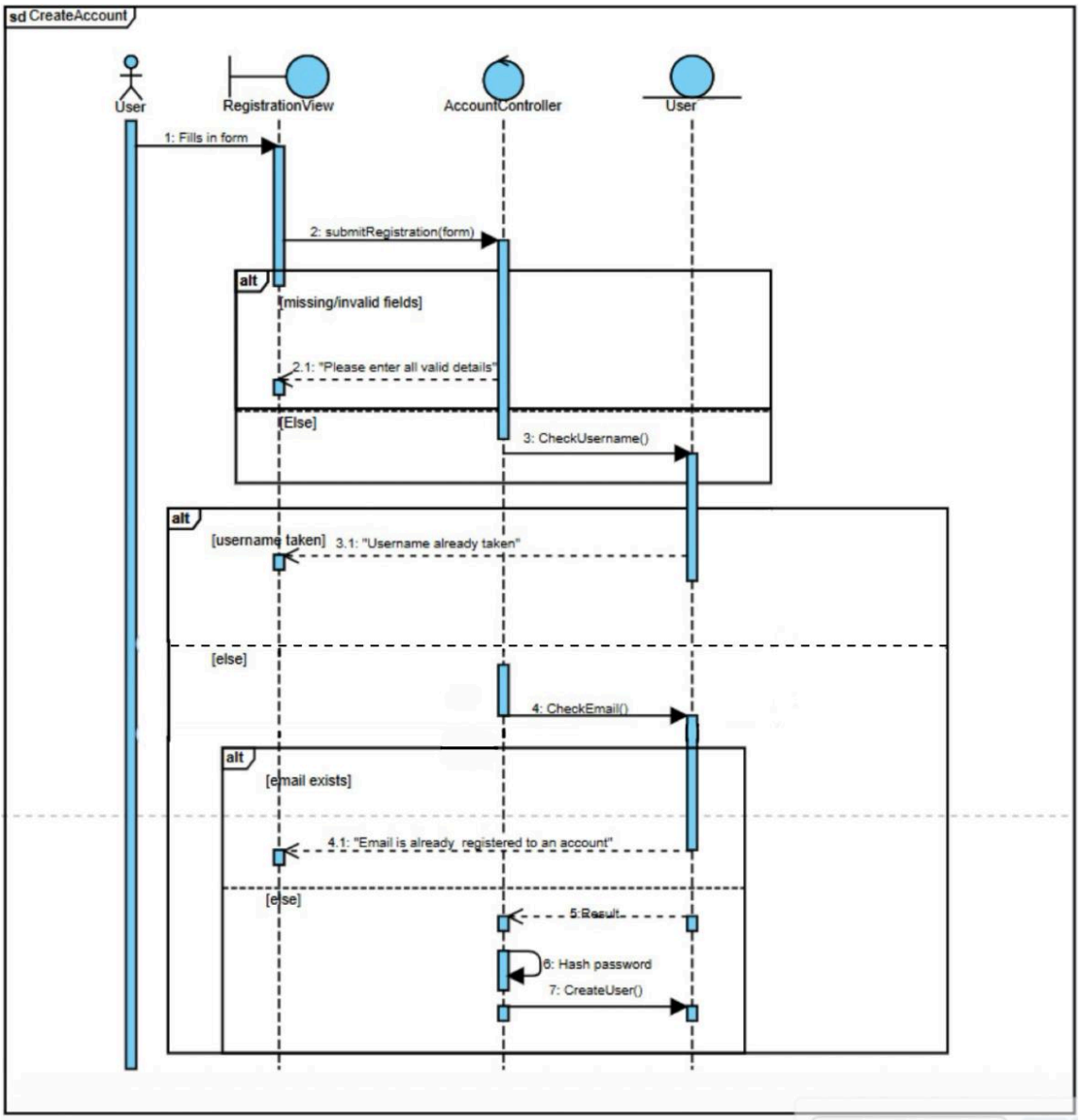
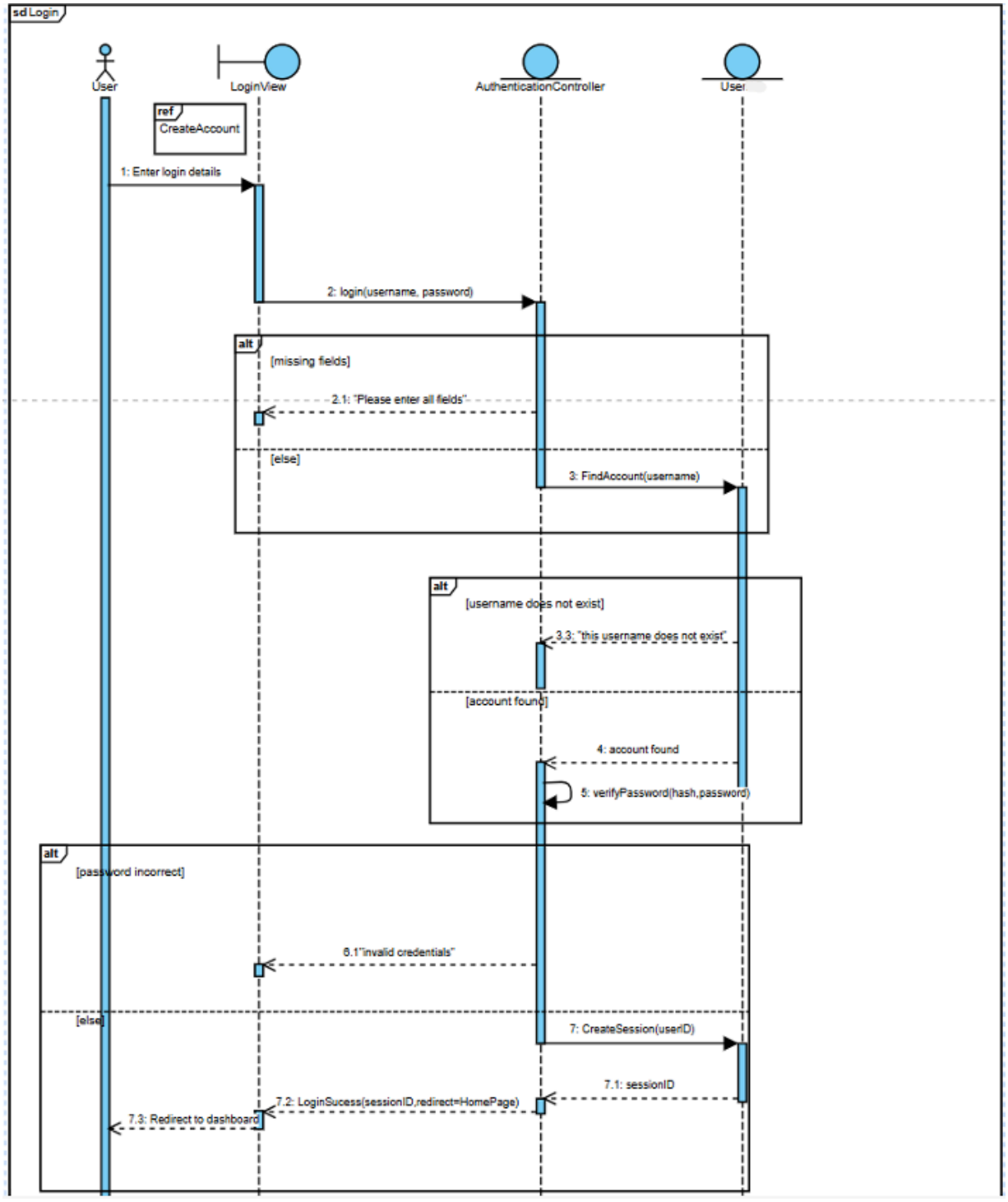
Sequence Diagrams

I. For Use Cases under #1 (Login)

I.I CreateAccount

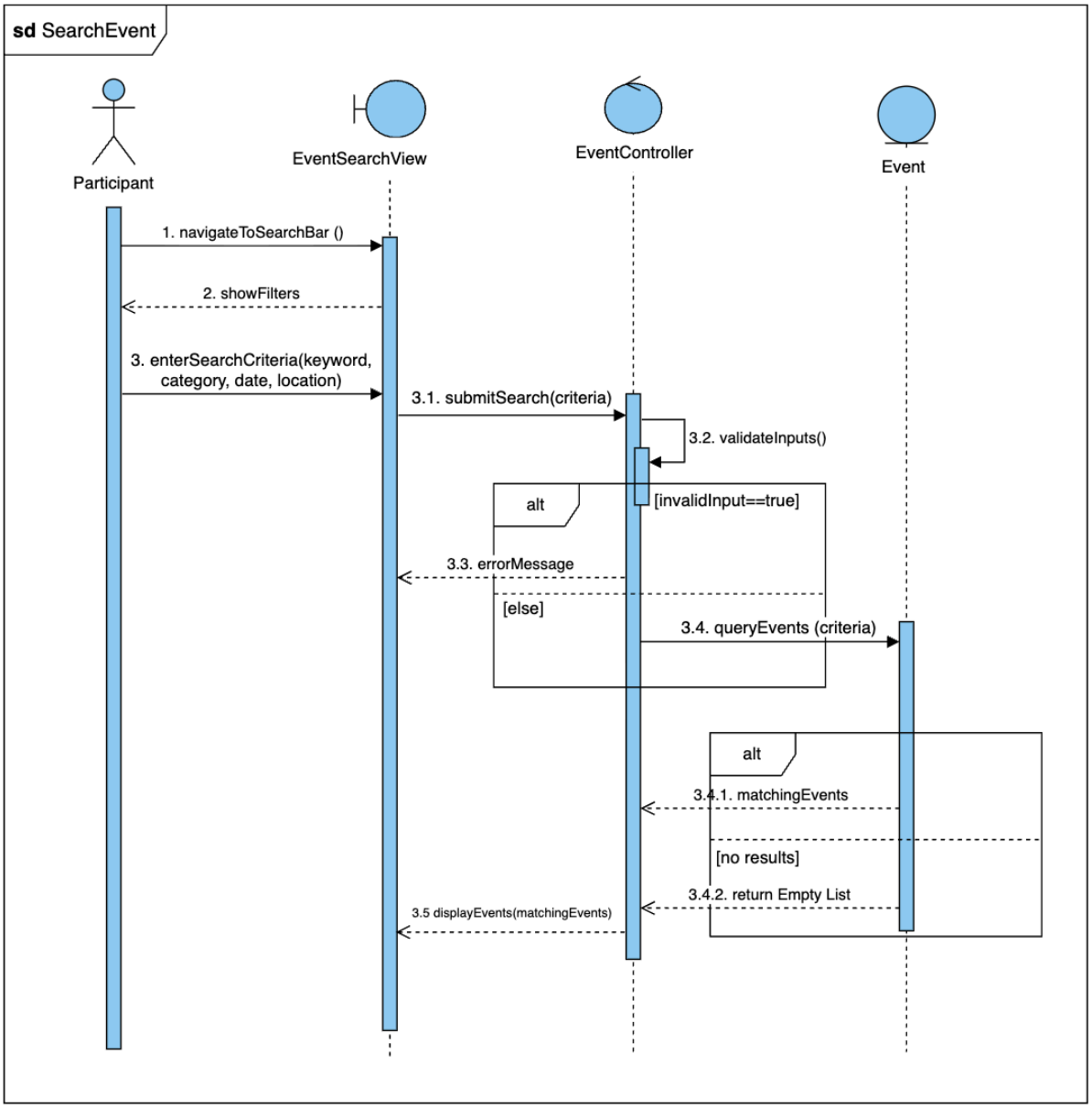


I.II Login

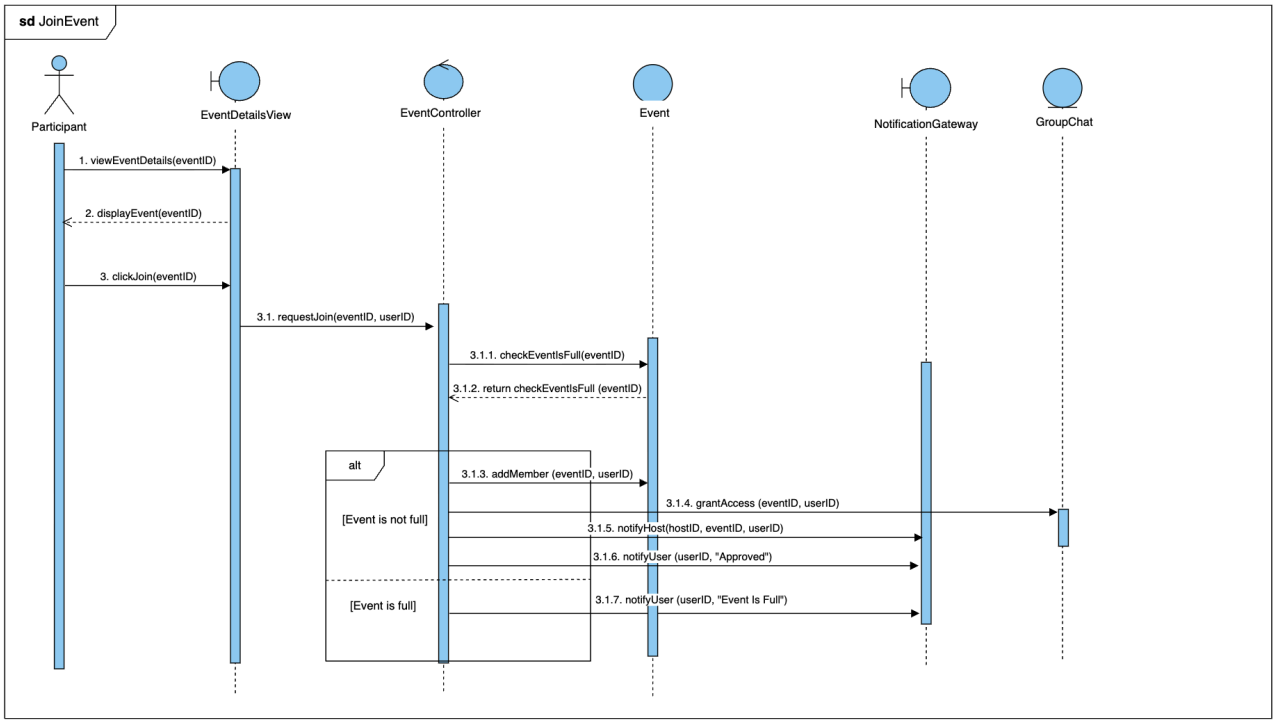

sd Login
User
LoginView
AuthenticationController
User
ref
CreateAccount
1: Enter login details
2: login(username, password)
alt
[missing fields]
2.1: "Please enter all fields"
[else]
3: FindAccount(username)
alt
[username does not exist]
3.3: "this username does not exist"
[account found]
4: account found
5: verifyPassword(hash,password)
alt
[password incorrect]
6.1"invalid credentials"
[else]
7: CreateSession(userID)
7.1: sessionID
7.2: LoginSucess(sessionID,redirect=HomePage)
7.3: Redirect to dashboard

II. For Use Cases under #2 (Participant)

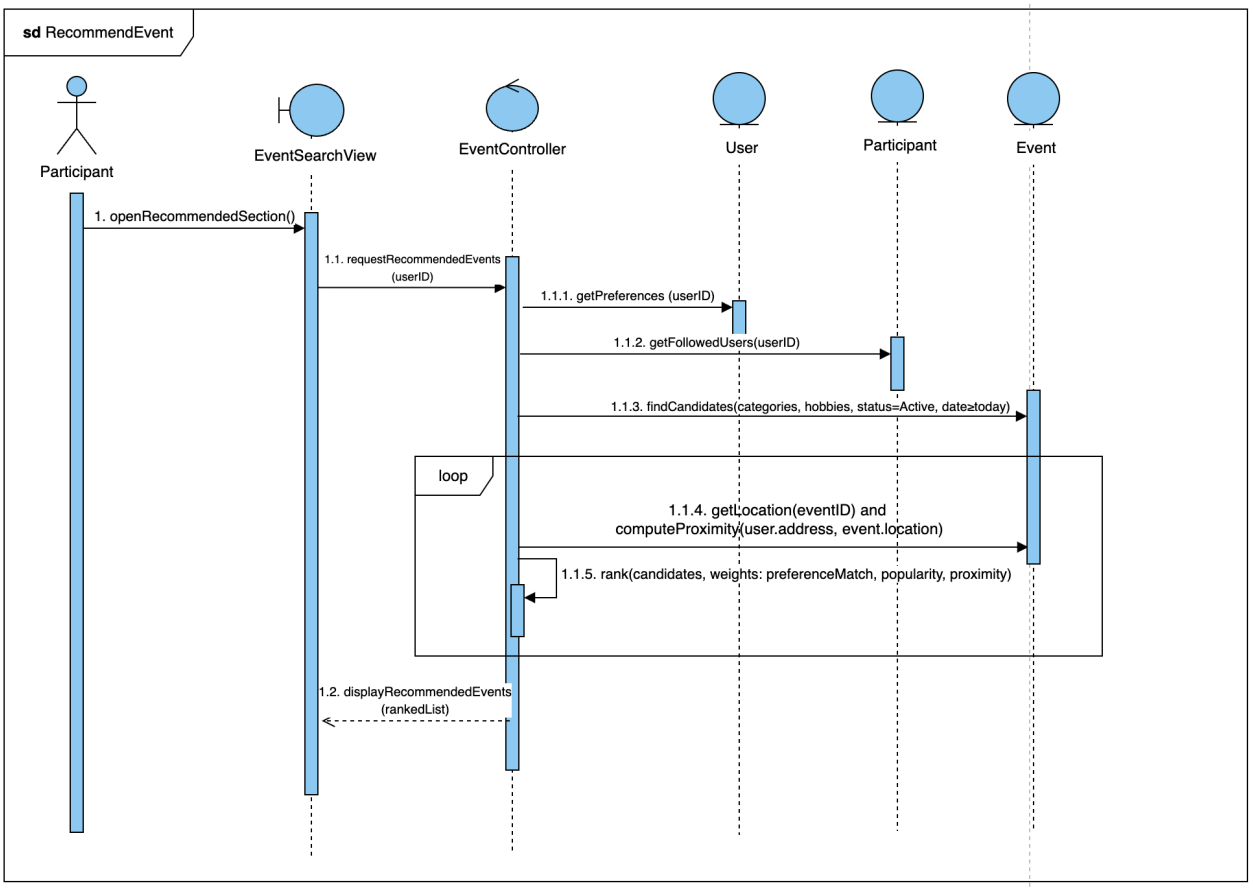
II.I SearchEvent



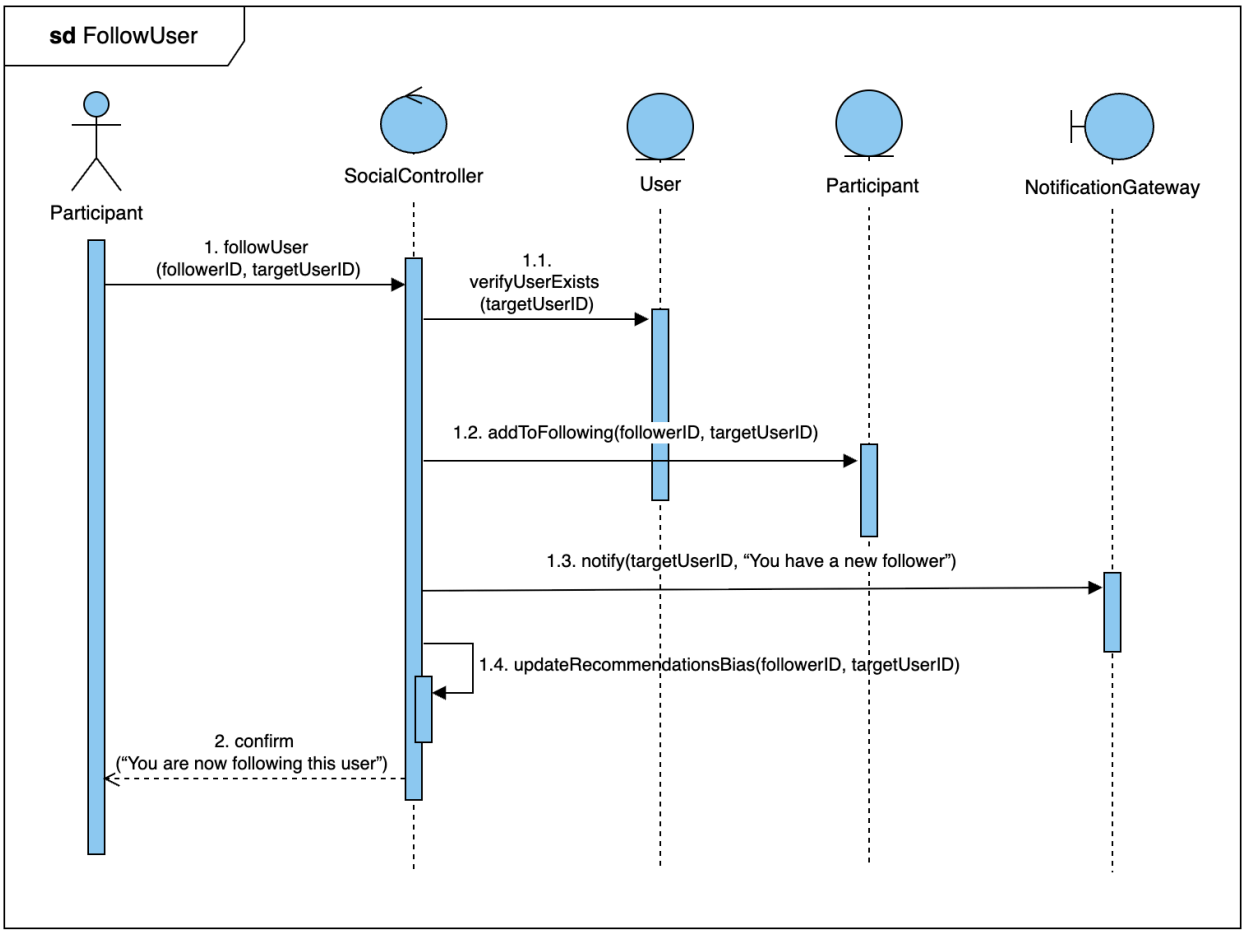
II.II JoinEvent



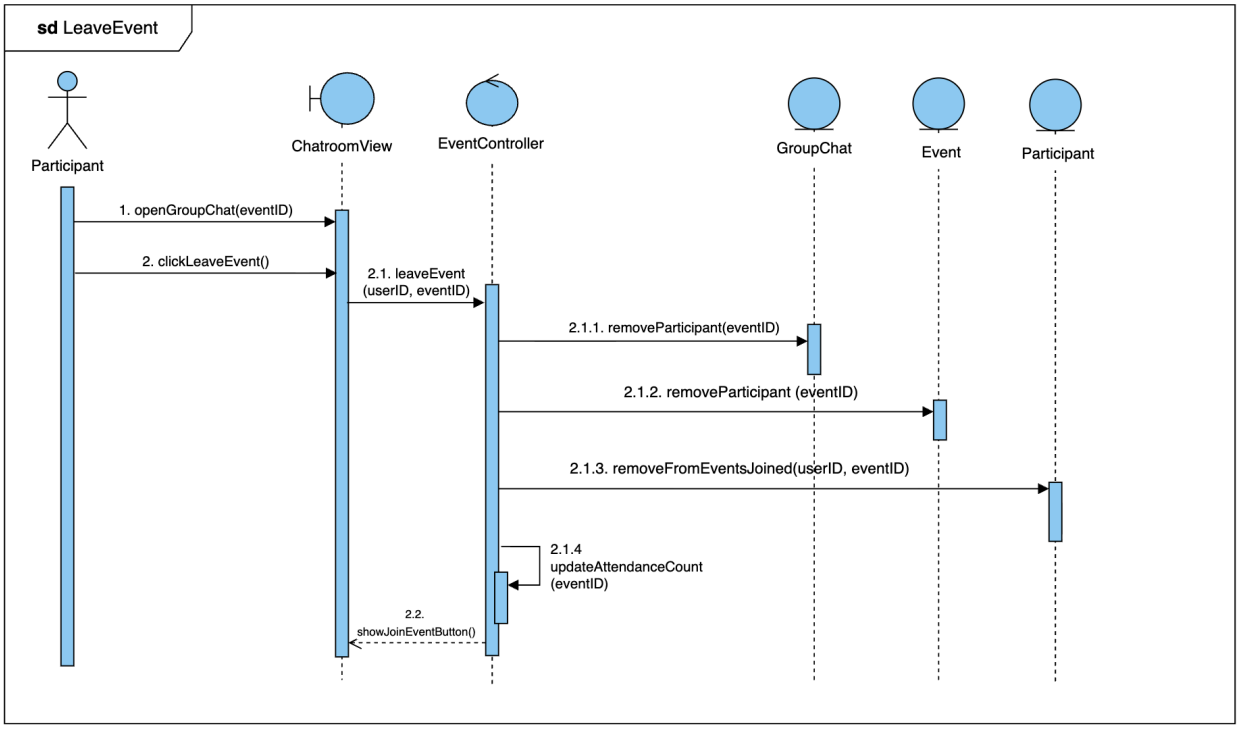
II.III RecommendEvent



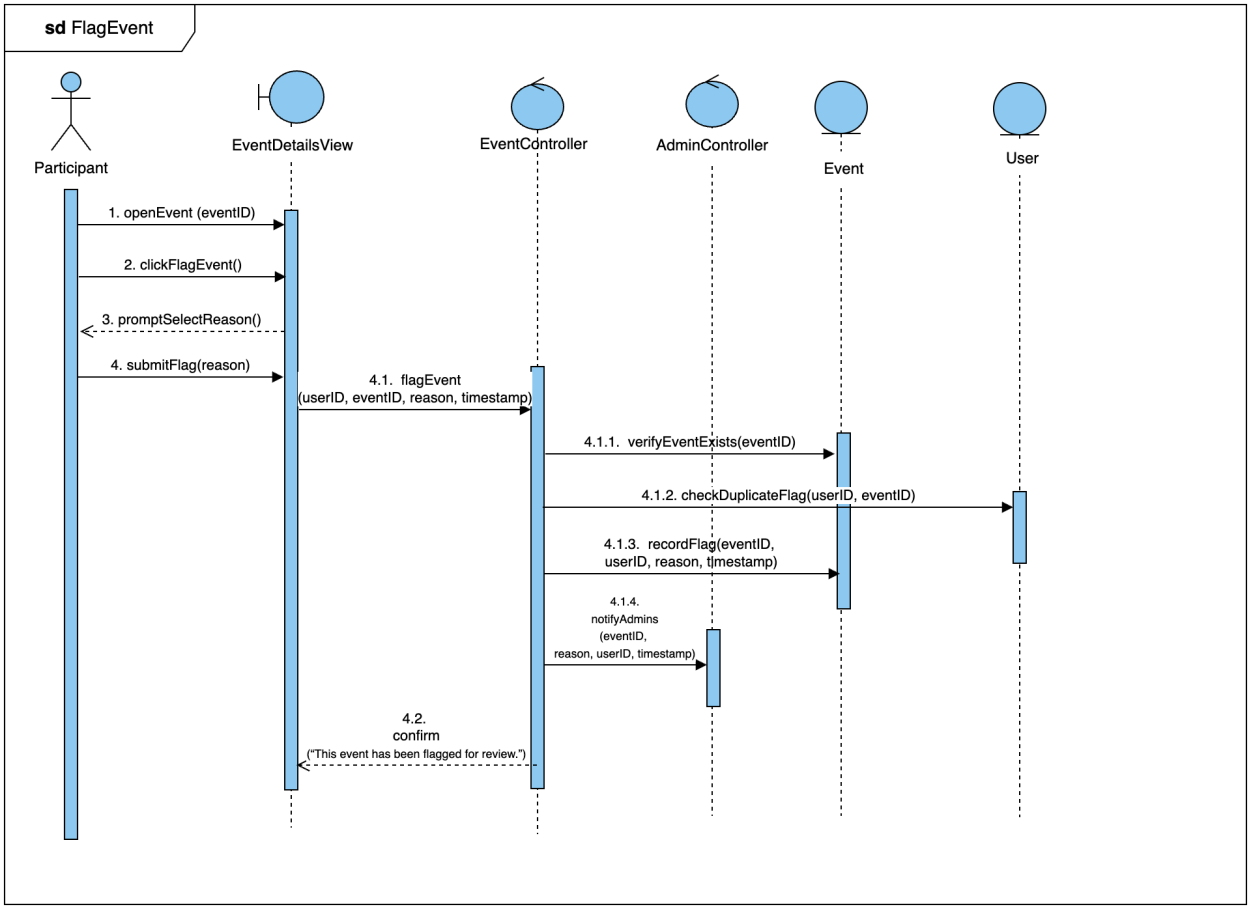
II.IV FollowUser



II.V LeaveEvent

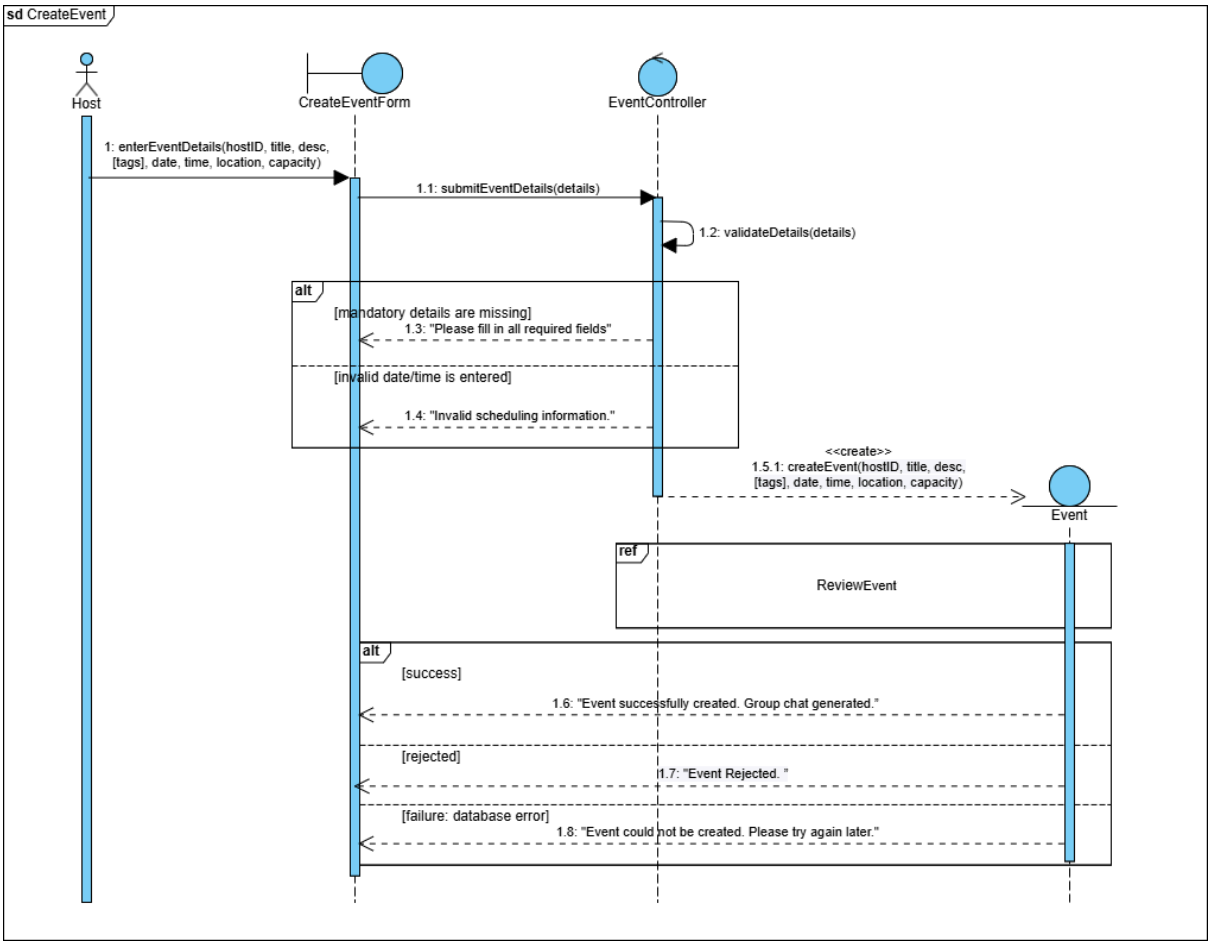


II.VI FlagEvent

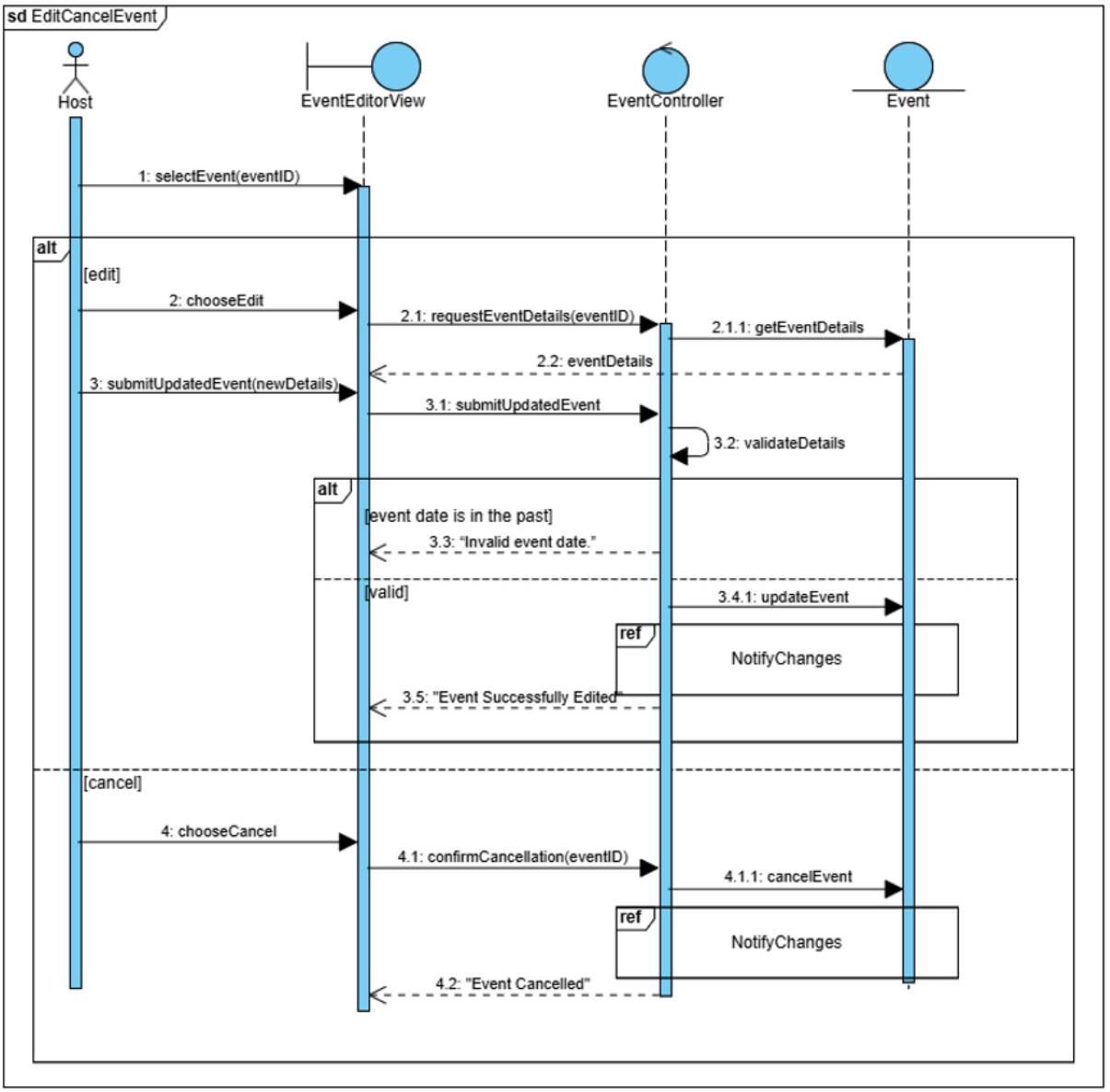


III. For Use Cases under #3 (Host)

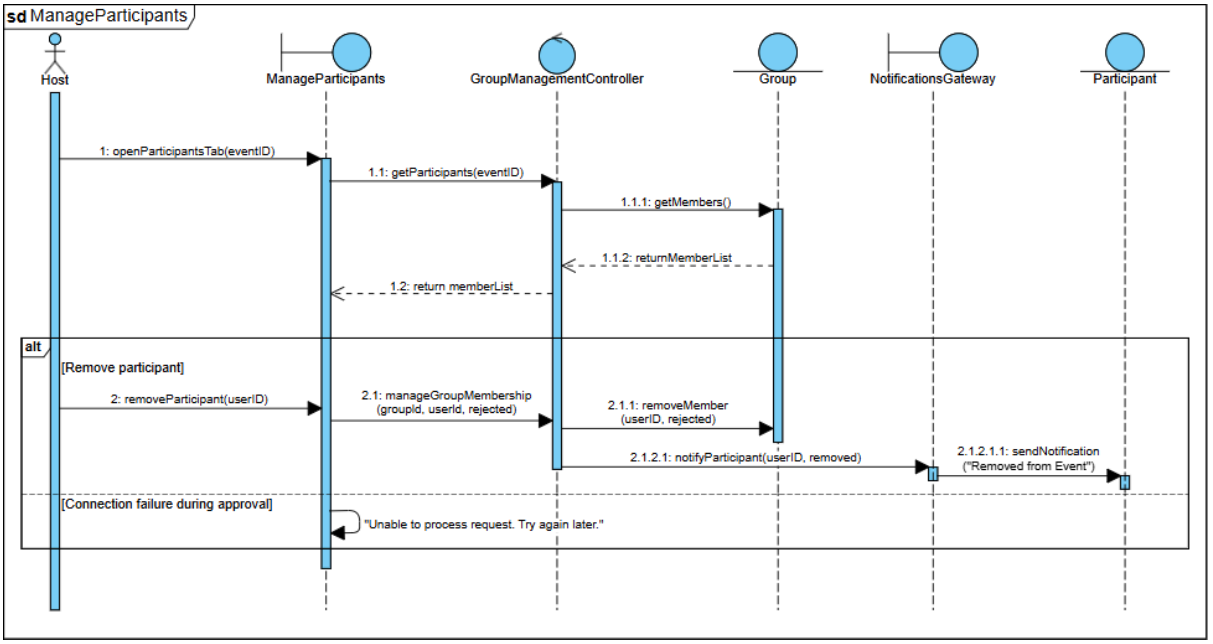
III.I CreateEvent



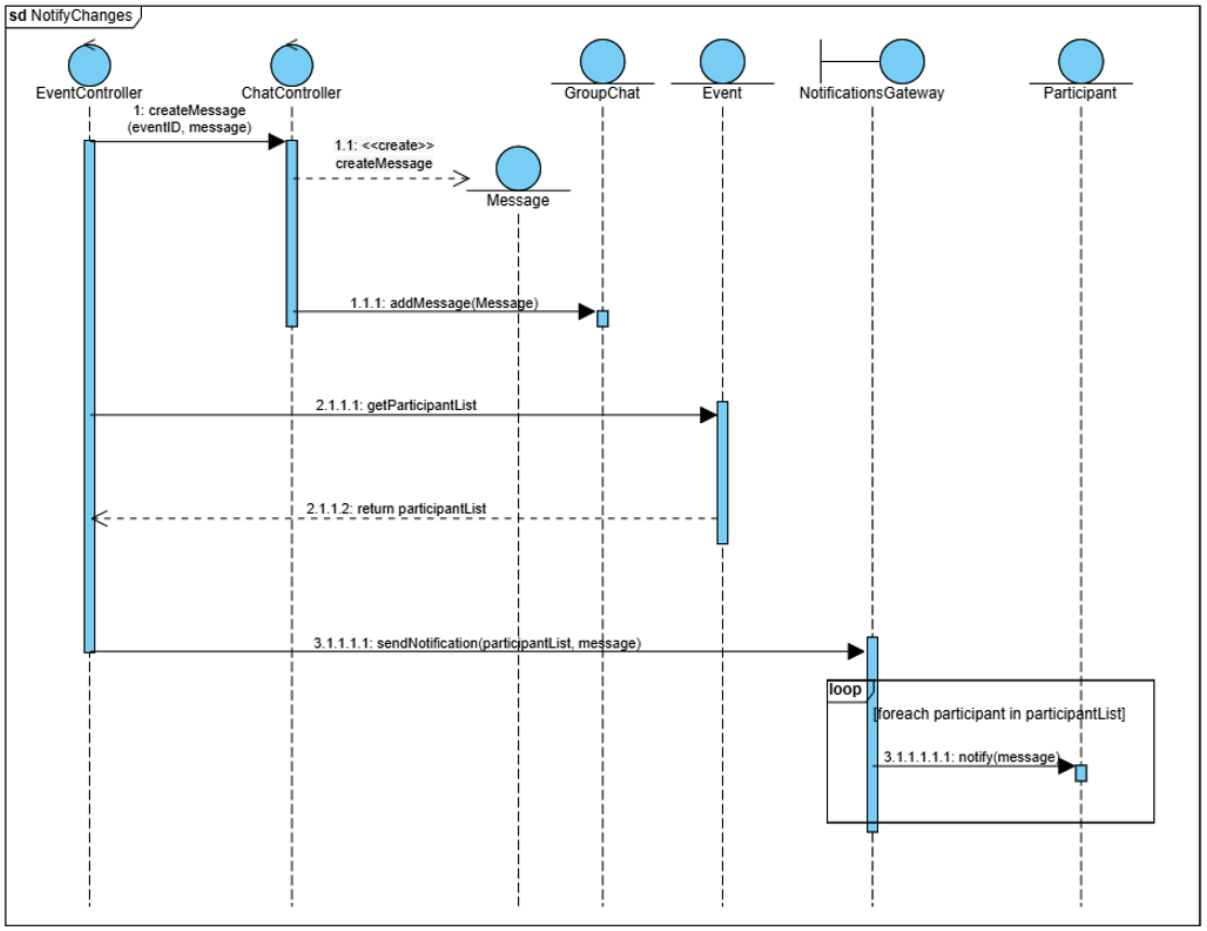
III.II EditCancelEvent



III.III ManageParticipants

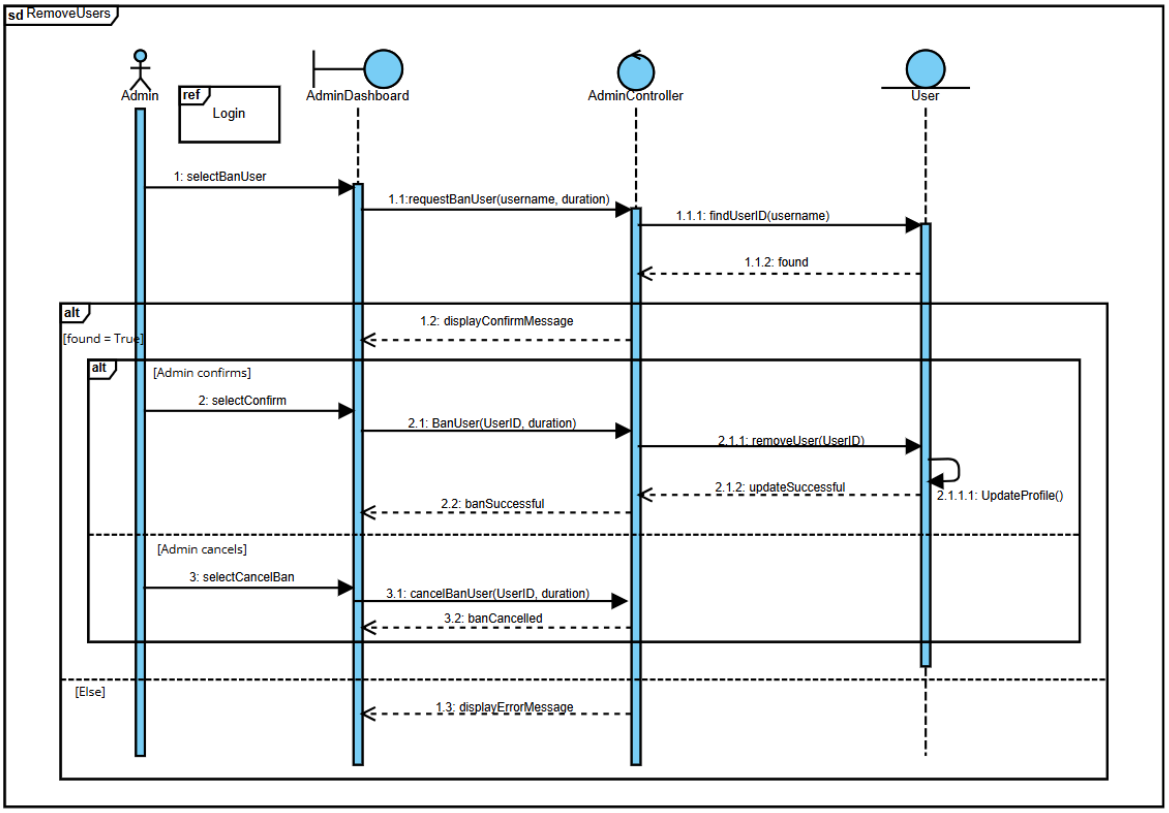


III.IV NotifyChanges

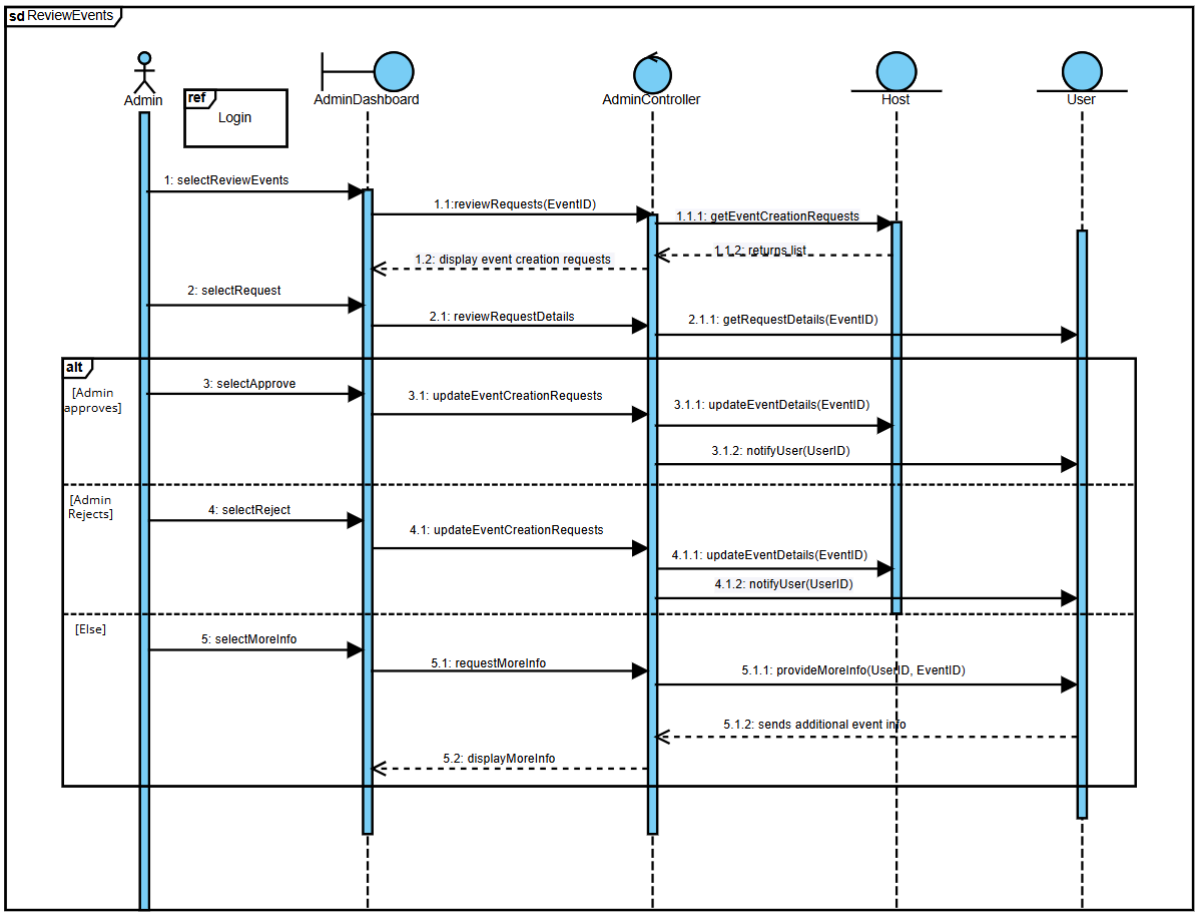


IV. For Use Cases under #4 (Admin)

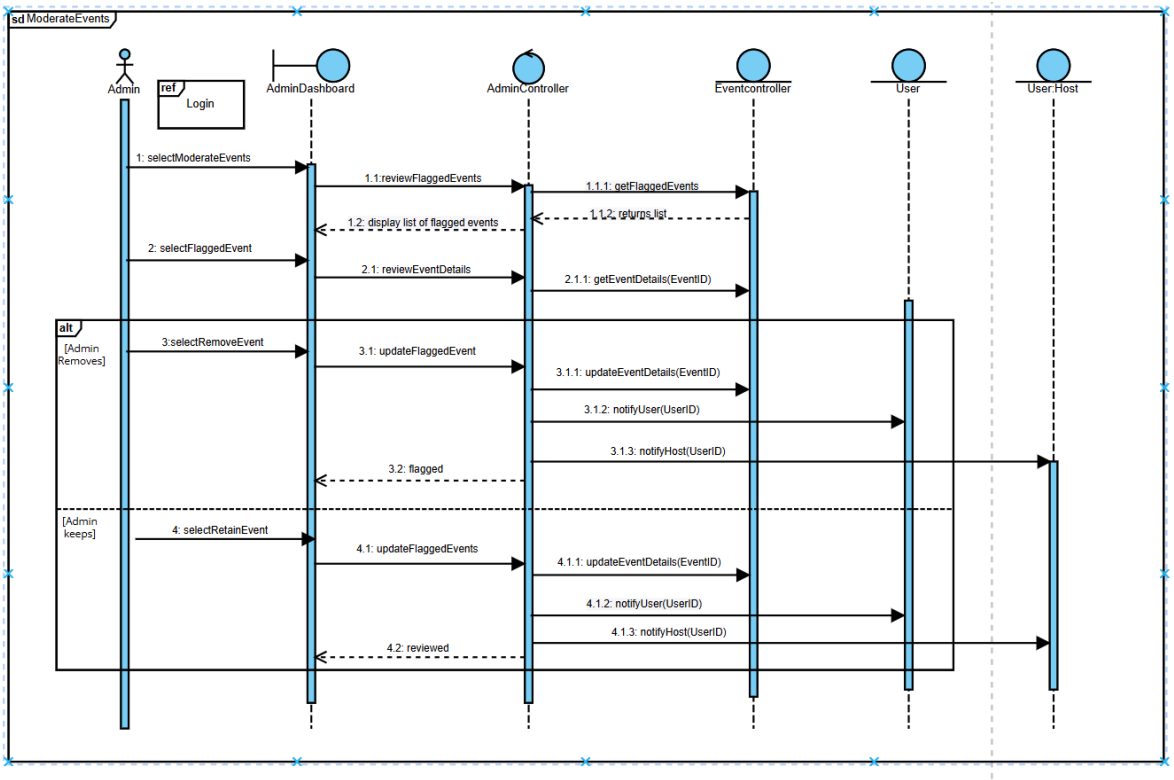
IV.I RemoveUsers



IV.II ReviewEvents

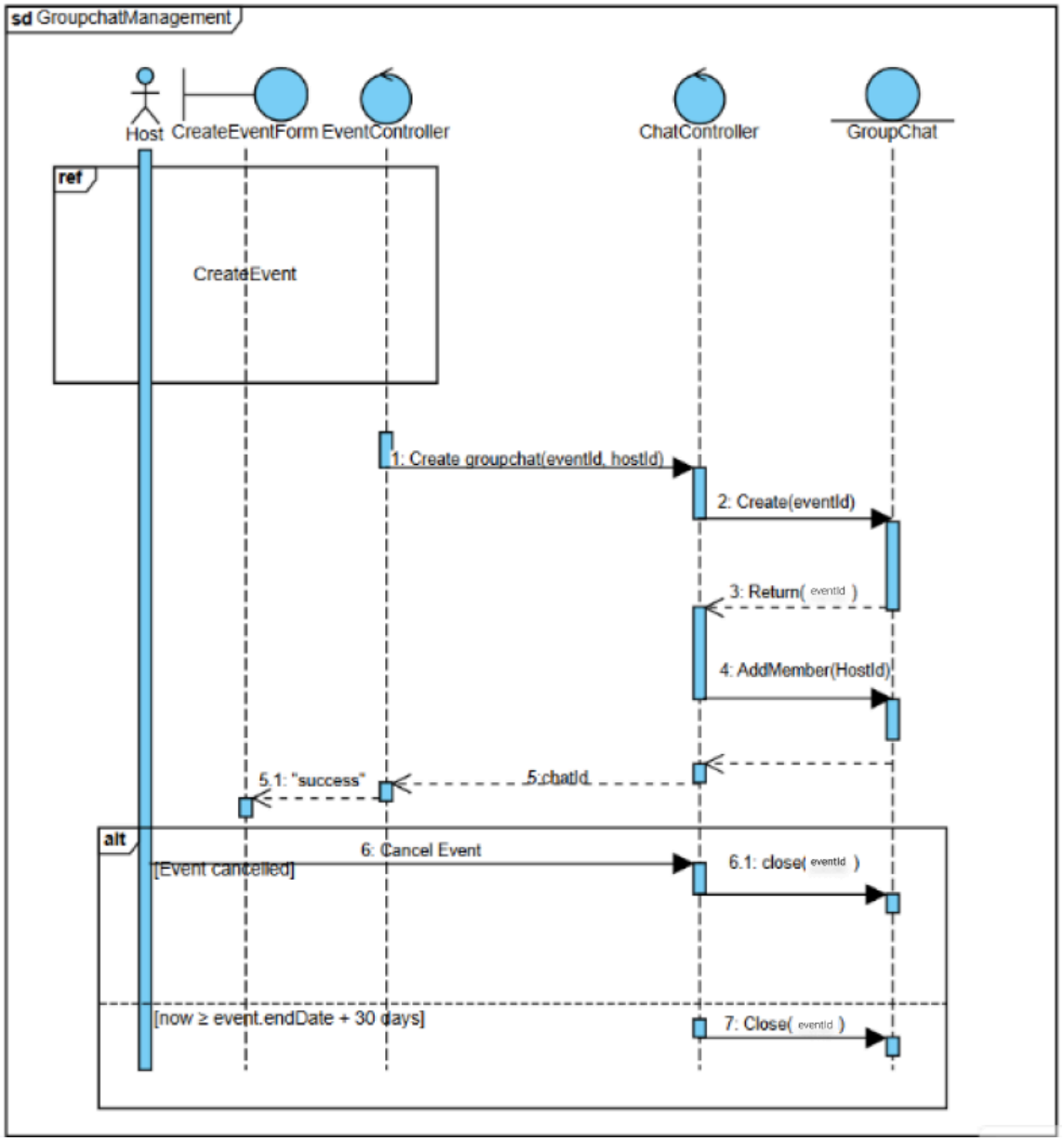
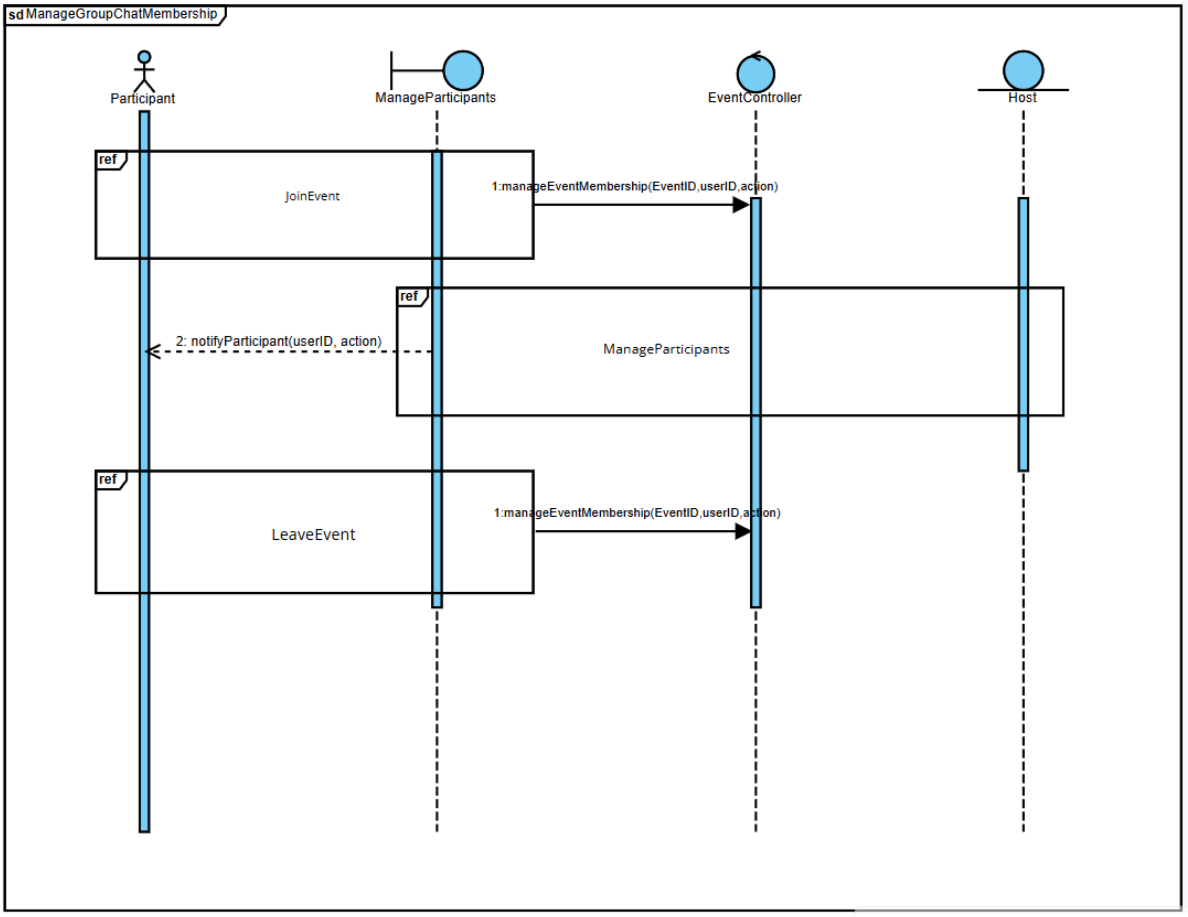


IV.III ModerateEvents



V. For Use Cases under #5 (Group Chats)

V.I GroupChatManagement



V.II ManageGroupChatMembership