

UserController
userService
<u>createUserAccount()</u> userUserIPAddress() getUser(username) userLogin() getAllUsers() updateUser() deleteUser() followUser() unfollowUser() getAllFollowers() getAllFollowing()

GroupController
userService groupService
setUserService(userservice) setGroupService(groupService) createGroup(groupDTO) addMember(groupMemberDTO) getMemberByGroupName(groupName) getGroup(groupname) getAllGroups() getMyGroups(username) updateGroups(groupDTO, groupname) followGroup(groupname, username) unfollowGroup(groupname, username) getFollowers(groupname) getModerators(groupname)

messageController
userService messageService
setMessageService(messageService) setUserService(userService) getChatHistory(user1, user2) getNewMessageCount(user1, user2) sendMessage(messageDTO)