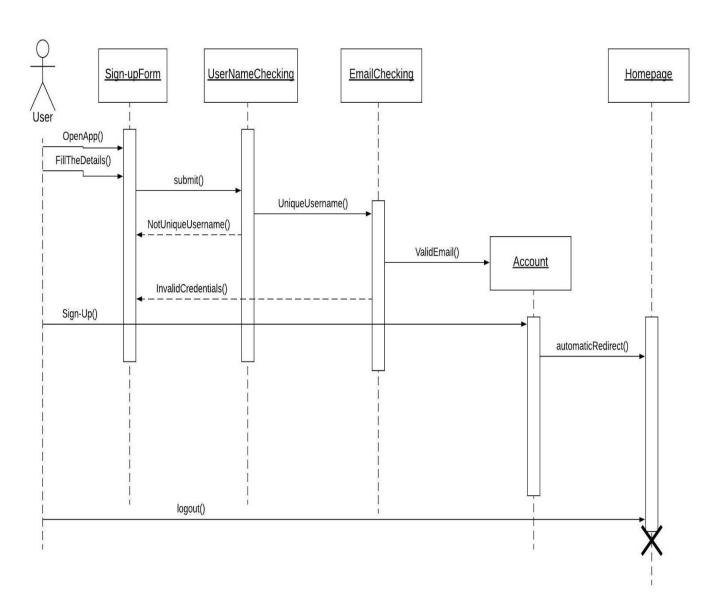
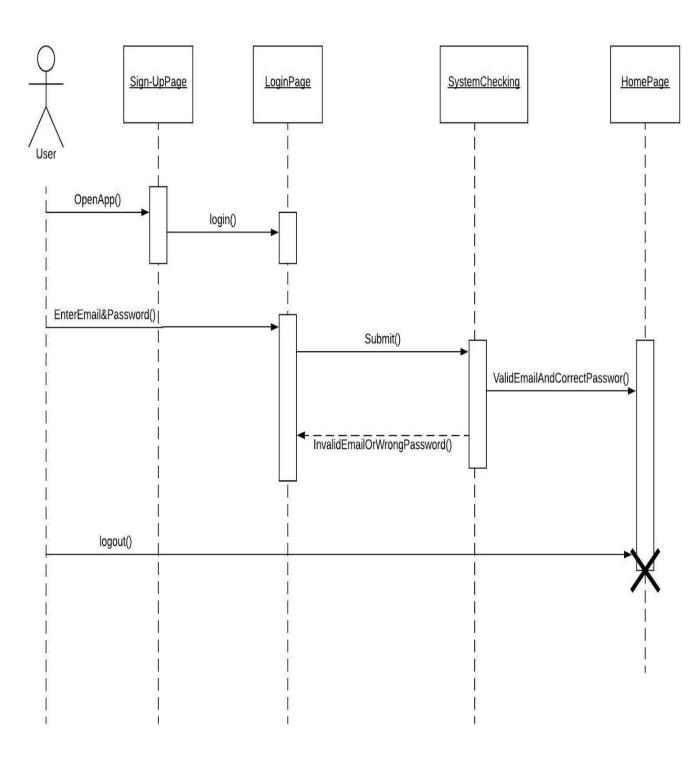
Sequence Diagrams

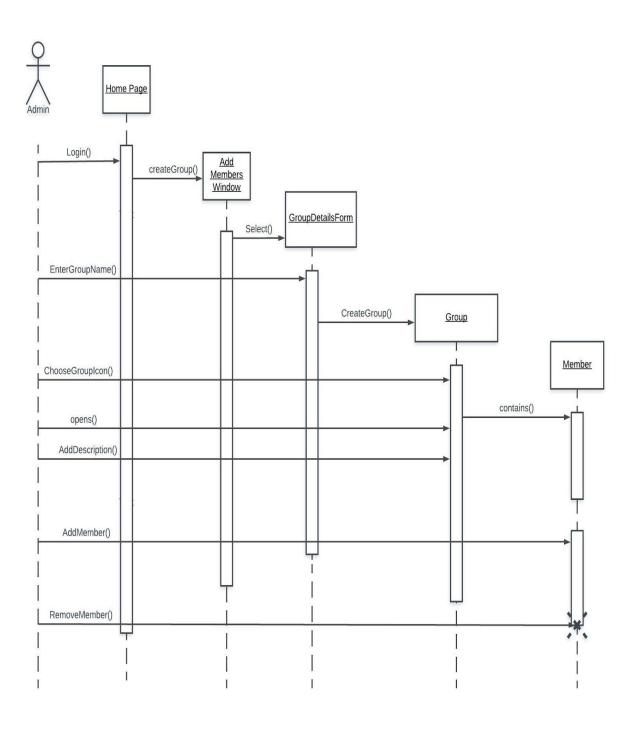
1. Sign-Up Feature



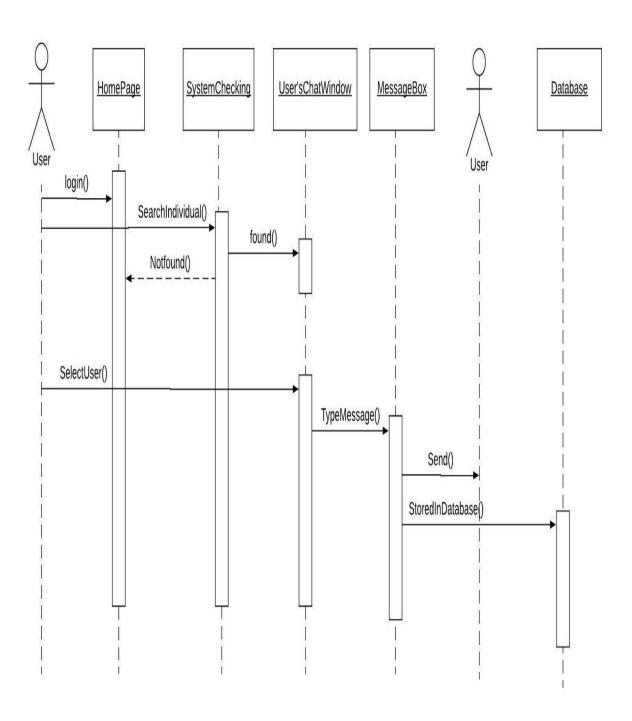
2. Login



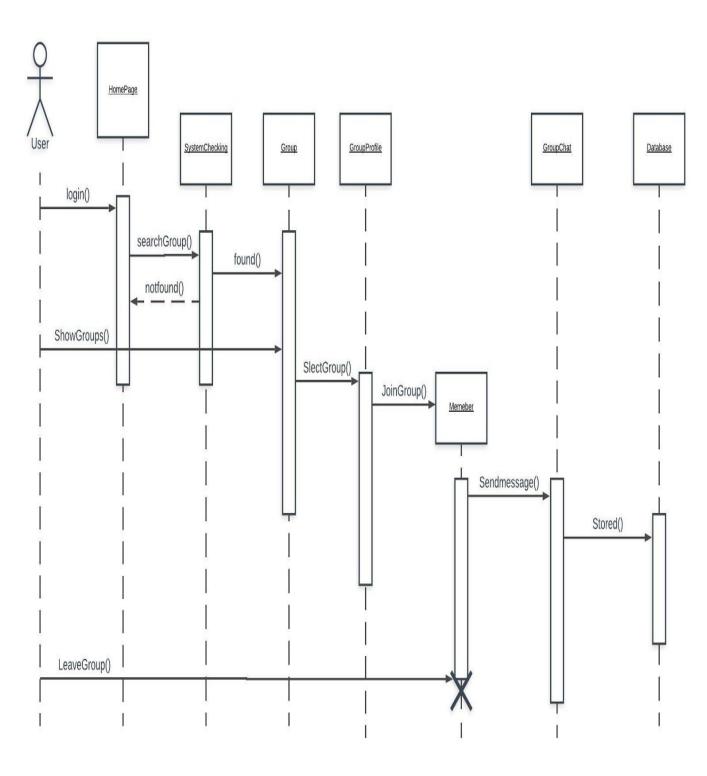
3. Create Group



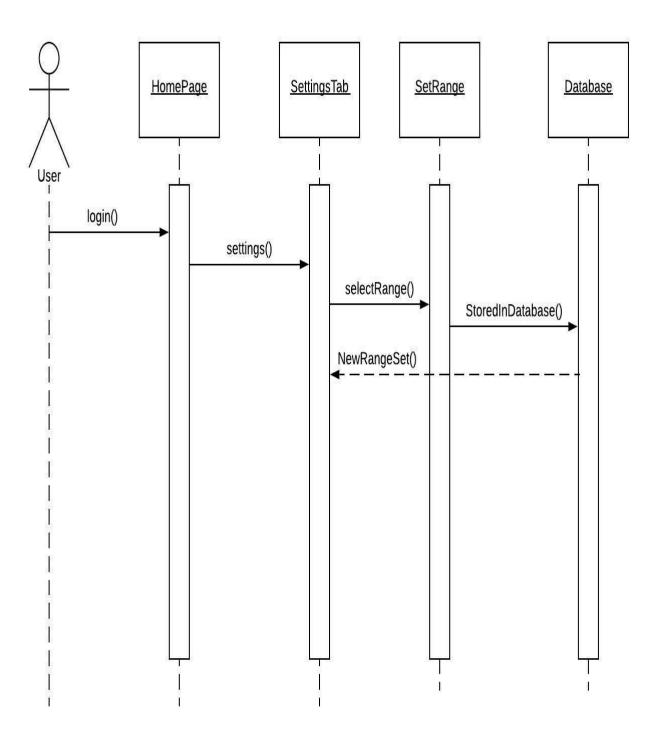
4. Search individual and chat individual



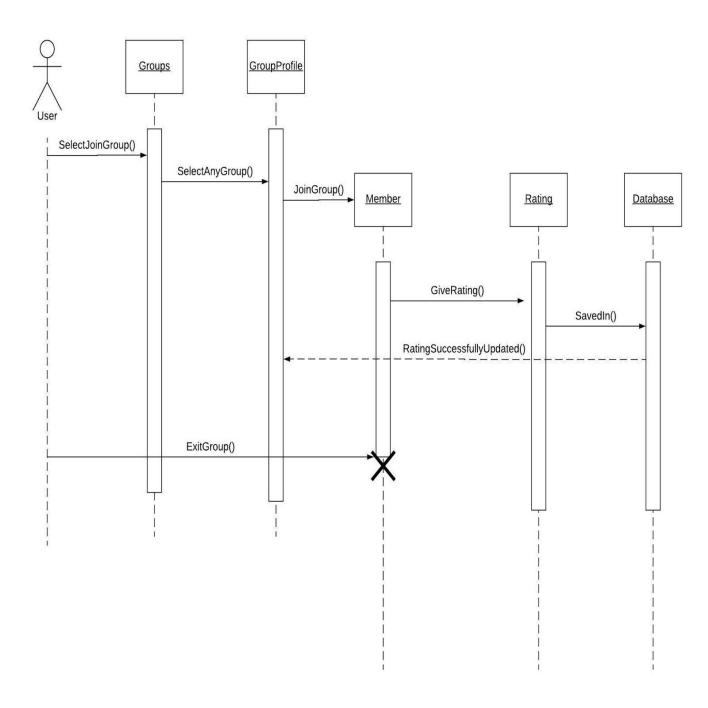
5. Search group, join group and chat in group



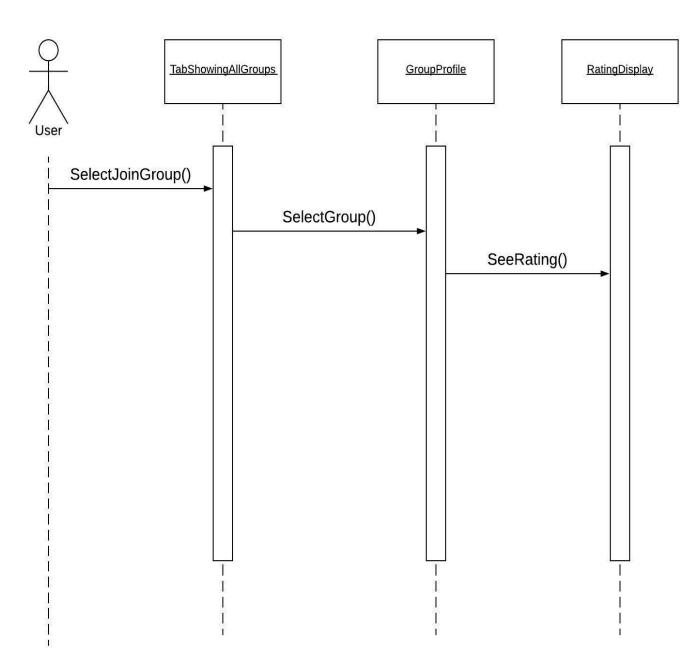
6. Set Range/Change range feature by user



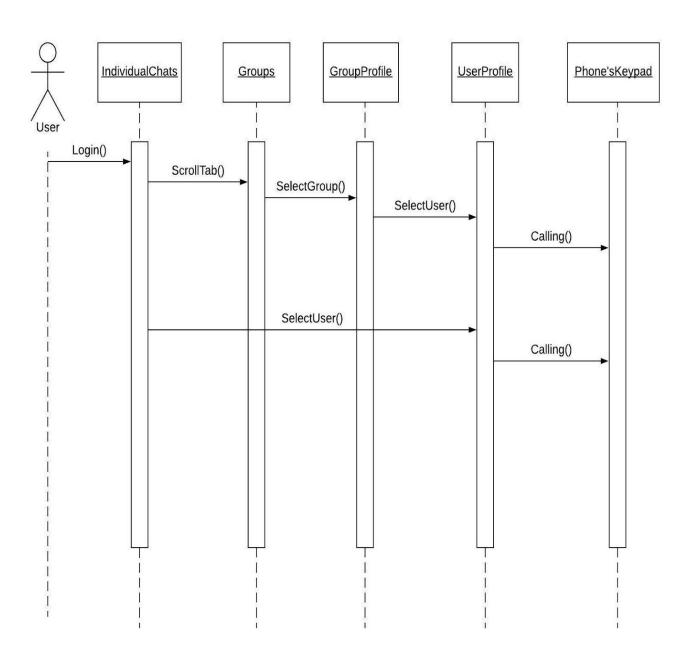
7. Give Rating to the Group (Only a member can give rating to group, other users of the application can just see the rating given by the members of the group)



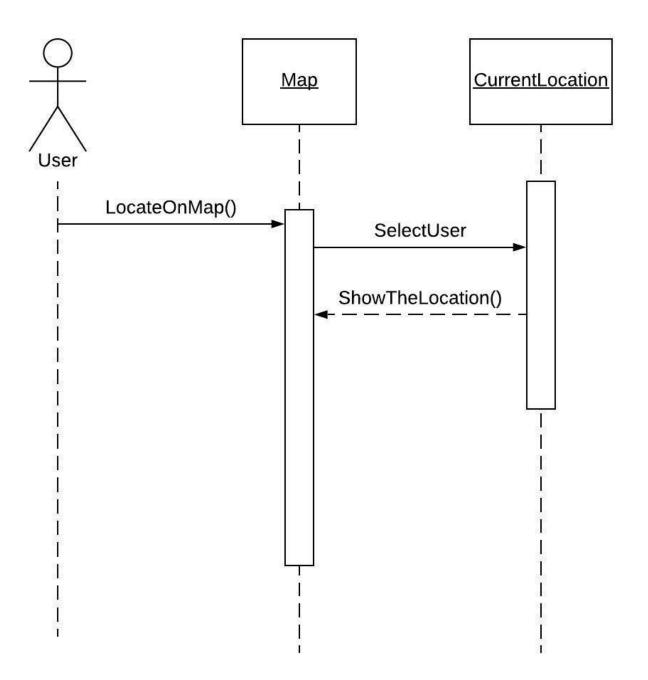
8. See rating feature for users before joining any group



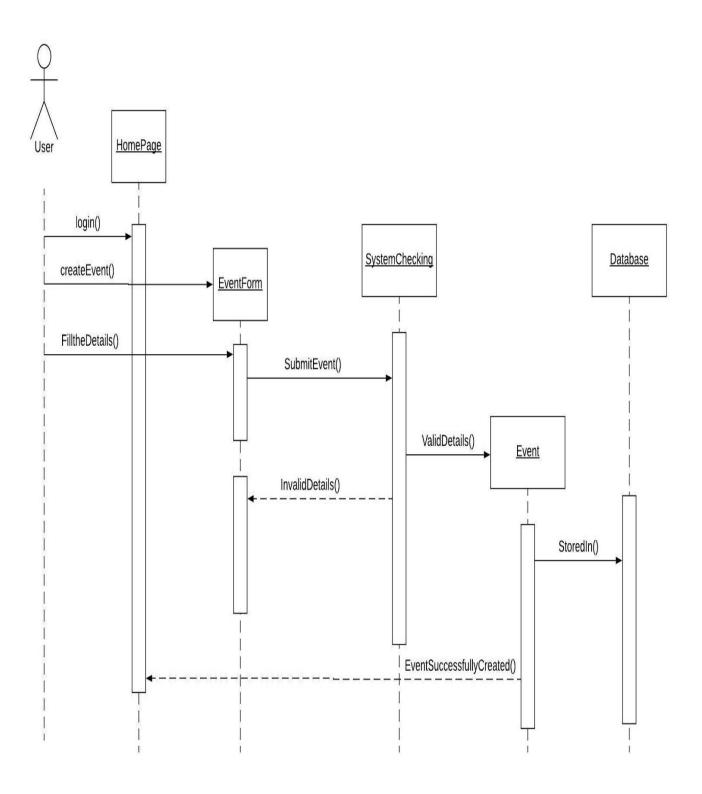
9. Calling to the members of the group as well as individual calling feature



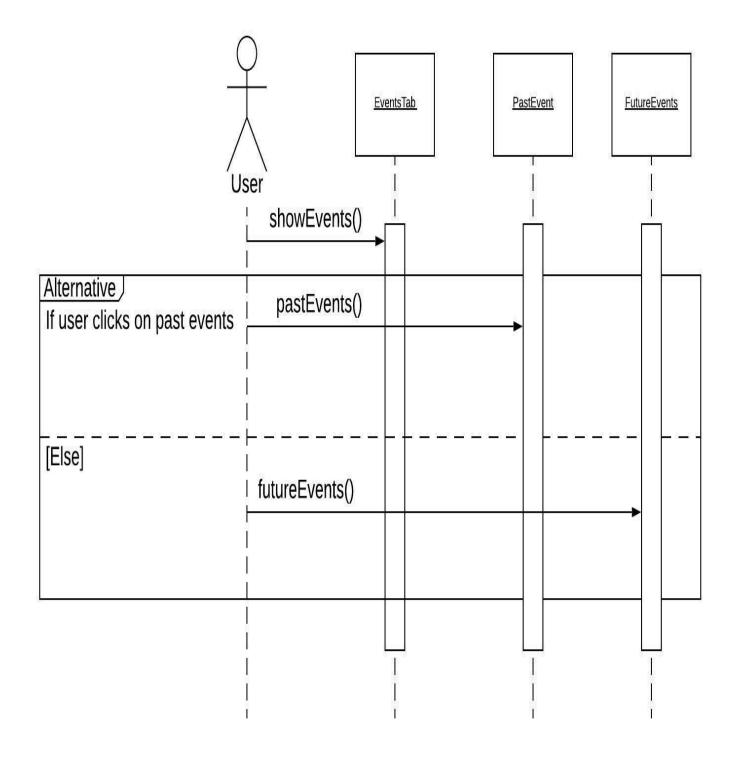
10. Show current location of users present within the range of one user



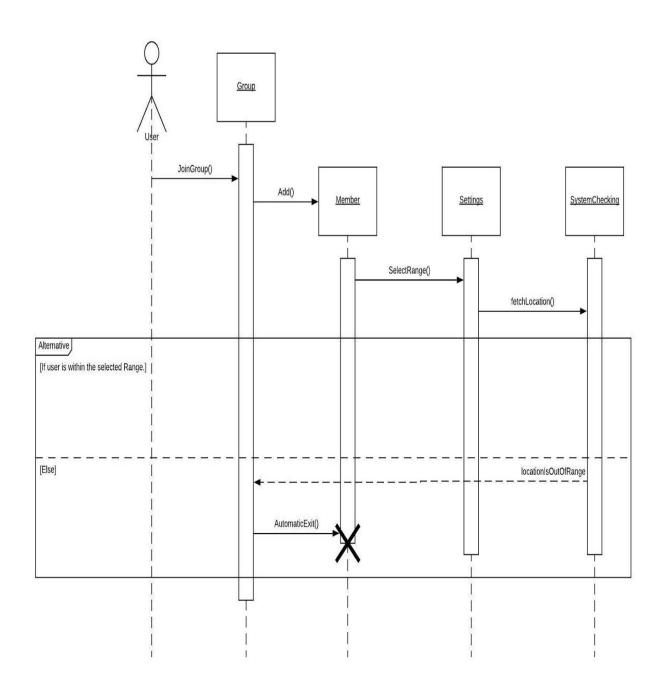
11. Create Event feature



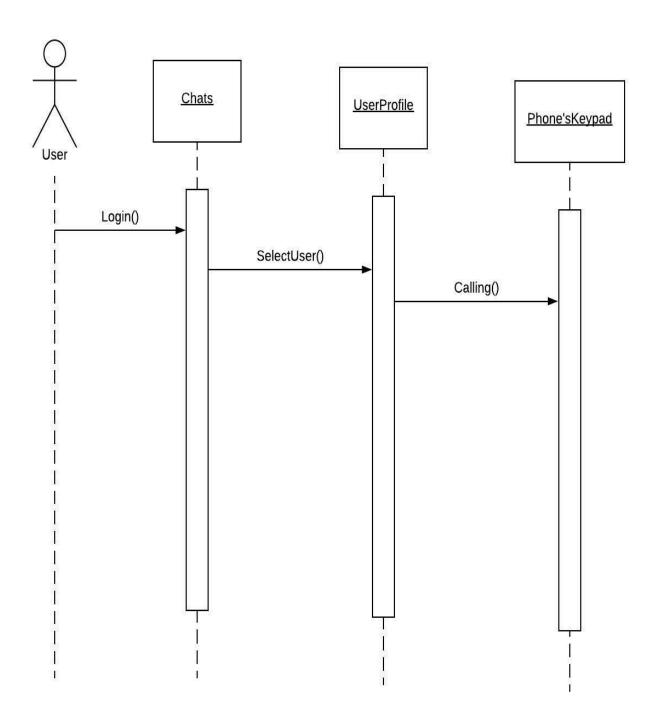
12. Show past and future events in some fixed location



13. Automatic exit feature if a member of a group goes out of the range



14. Individual calling feature



Class Diagram

GROUP 12

LOCATION BASED SOCIAL NETWORKING MOBILE APP Chat Individual Chat + senderName : string + recieverName: string User +userName: String NOT NULL + receiveMsg (); + connectSession (); -password: String NOT NULL + sendMsg(); Composition -emailld: String +phoneNumber: String 0--+login(userName,password); +logout(); 0 Chat History Message + sender : string NOT NULL + Content + reciever: string NOT NULL string / Time sysdate + getMsgList () : objMsg[] + senderName : string + addMsg (objMsg[]); + display() : Abstract Rating + rating: Integer; + eventName: String NOT NULL; + eventUrl : String + setRating(); + description : String + date : Date + getRating(); + creator : String Composition Group Chat + createEvent(); Account + getEvent(); + GroupName:string NOT NULL + participateInEvent() #firstName: String NOT NULL + description: string; + imageUrl: string; #lastName: String Admin + senderName: string; #imageUrl: String + location: vector NOT NULL + connectSession (); # Range: Integer

> + makeAdmin (); + removeAdmin();

+ removeMember();

+createAccount();

+createGroup(); +joinGroup(); +exitGroup(); +setGroupName(); +viewProfile(); +updateProfilePicture(); +changePwd(); + updateUsername(); + changeRange(); +logout();

+search(userName): vector

+search(groupName): vector

+ leaveGroup (GroupID) : void

+ changeGroupName(): void;

