CSE: 305

System design and analysis

CT4

(Sequence diagram)

(If your id is even answer question 1, If your id is odd answer question 2)

1. Suppose you are developing an online police service system. Design a **sequence diagram** the following parts of your system: (**even id**)
   There will be account for police and users. Both need to register and login. User can file any case, then he will get a confirmation. Case will be stored in the database. System will analyze all cases and send them to police. After a case is solved user will be notified and database will be modified accordingly. Any update related to any case will also be send as a notification.

2. Suppose you are developing an online student advising system. Design a **sequence diagram** the following parts of your system: (**odd id**)
   There will be account for students and teachers. Both need to register and login. Students can submit request (for example leave of absence), then he will get a confirmation. Requests will be stored in the database. System will send request to intended teacher. Teacher will solve the request and a notification will be send to students. Students can also schedule an appointment with a teacher for counseling.