



- Client APP is used by someone else secretly. (Spoofing)  
Request for re-entering account name and password.
- Fake Client APP is released to potential clients. (Spoofing)  
Use a public key infrastructure to seek verification from a certificate agency.
- Someone sneaks into the house and steal information from the database server. (Information disclosure)  
Rent a highly secured server from cyber security companies.
- Someone intercepts the price from web server and charges more expensive to clients. (Tampering)  
Make all interactions with the web server occur over HTTPS which is secured.
- Client uses friend's account and does illegal operation with the web client. (Repudiation)  
Request of confirmation code for any serious operation to be done.
- The Wifi breaks down and database server is no longer available online. (Denial of service)  
Offline cache which stores users' information temporarily.
- A client with higher membership sells exclusive information to client with no membership. (Elevation of privilege)  
Legal authorization is assigned to any exclusive information and unreachable to clients.  
Any operation about the exclusive information without an authorization is illegal.