1 DONE:

1. Checked that the order of shortest distance we get from a graph doesn't change much even in the sub-graph.
2. Got a basic idea on solving the 3rd problem listed in the TODO.
3. Built a simple prototype indicating the final user-interface.
4. Built an app to collect data from users.(This is still incomplete as we need a server)

2 TODO:

1. Building a Friendship graph
2. Getting the details of list of products bought by the nodes in the graph
3. Designing a system that can guarantee that decryption is not possible to some level. This system should deal with dynamic data.
4. Secure querying to the back-end
5. Designing an efficient algorithm to calculate number of hops.
6. Design a user-interface