**Functional:**

1. User A **Shall** be able to send a Text from one machine(User A) to the other machine(User B)
2. User B **Shall** be able to receive Text from other Machine(User B)
3. The system **Shall** check if User is available for the message. (p2p)
4. The system **Shall** query for the Chat history to be displayed in Chat Lobby
5. The system **Shall** encrypt Messages being sent
6. The system **Shall** decrypt the Messages being received
7. The system **Shall** load the Chat Text History into Firebase Database (Traditional Database)

**Non-Functional:**

1. **Security** : The system **Shall** have a Messages protected by Encryption(Hidden)