Ad-hoc CryptoMessenger

Introduction:

The ad-hoc networks are a type of decentralized networks which does not depend on any infrastructure, like routers. They are also very quick in helping us establish connections. These are the interesting things which fascinate me about the ad-hoc networks. Hence, I came with this thought of creating a mobile application which might be helpful in communicating with peers without any medium like routers but also at the same time be reliable.

Objectives:

- To create a mobile application which makes use of Cryptographic techniques.
- To develop an android application or might also be an hybrid app which works on both Android and iOS platforms.
- Encrypt the chat using AES with a 128-bit key size.

Conclusion:

Honestly, I have never worked on any application something like this and it's a good thing that I have a little experience working with mobile applications, although, it has been awhile since I worked on one. I hope it would be very interesting working on this project and I'm excited looking ahead.