An iOS app which supports Encryption and Authentication

This project is to design an iOS app which takes data from the user securely. The initial step of the project is to provide user to set up an account with initial details (Example: Username, Email id, Phone number, password). When he/she sets them up, the user is asked which of the two (Phone number or Email) does he/she prefers to verify. Then a two-factor authentication number (Example: A random four-digit number) is sent to the respective phone number (or) the email. The user will have to verify by entering the number provided. When entered, and when it matches with the sent number, the passcode string and the two-factor authenticated number string is concatenated (Example: ‘qwerty’ + ‘9078’ 🡪 qwerty9078) and encrypted using the MD5 Encryption or the RSA Encryption or the AES Encryption standards and sent to the other side. The next page deals with the user providing private information like the License picture, Credit card information, Social Security Number, Health status, Bank account numbers etc which has to be on a secured connection. When the user finishes entering the required items, he can logout and the secured connection is no longer available with the server. If he has to login again, after entering the Email/Username and password he has to do the two-factor authentication again to access his profile.