

Secured
information
application

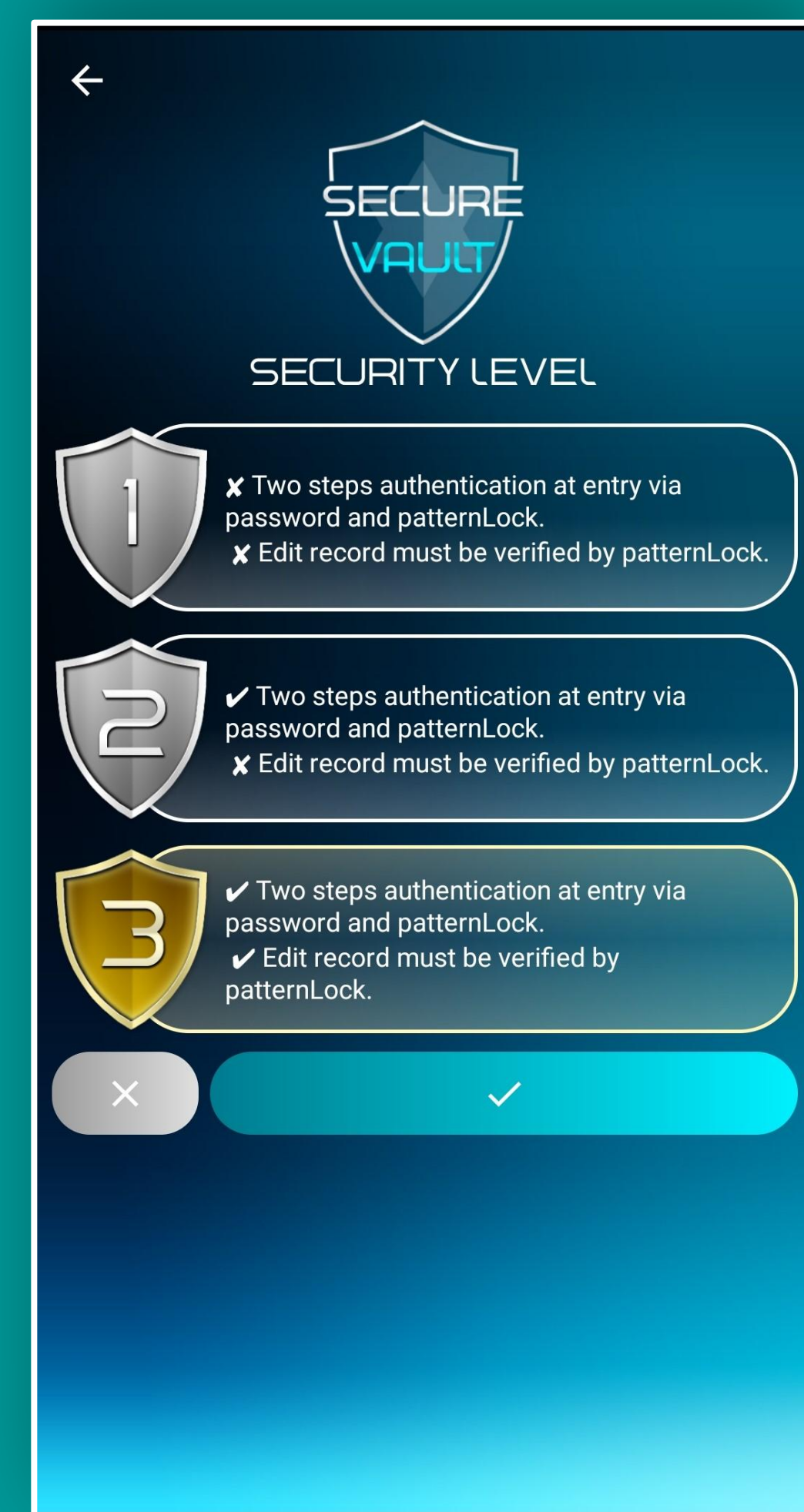
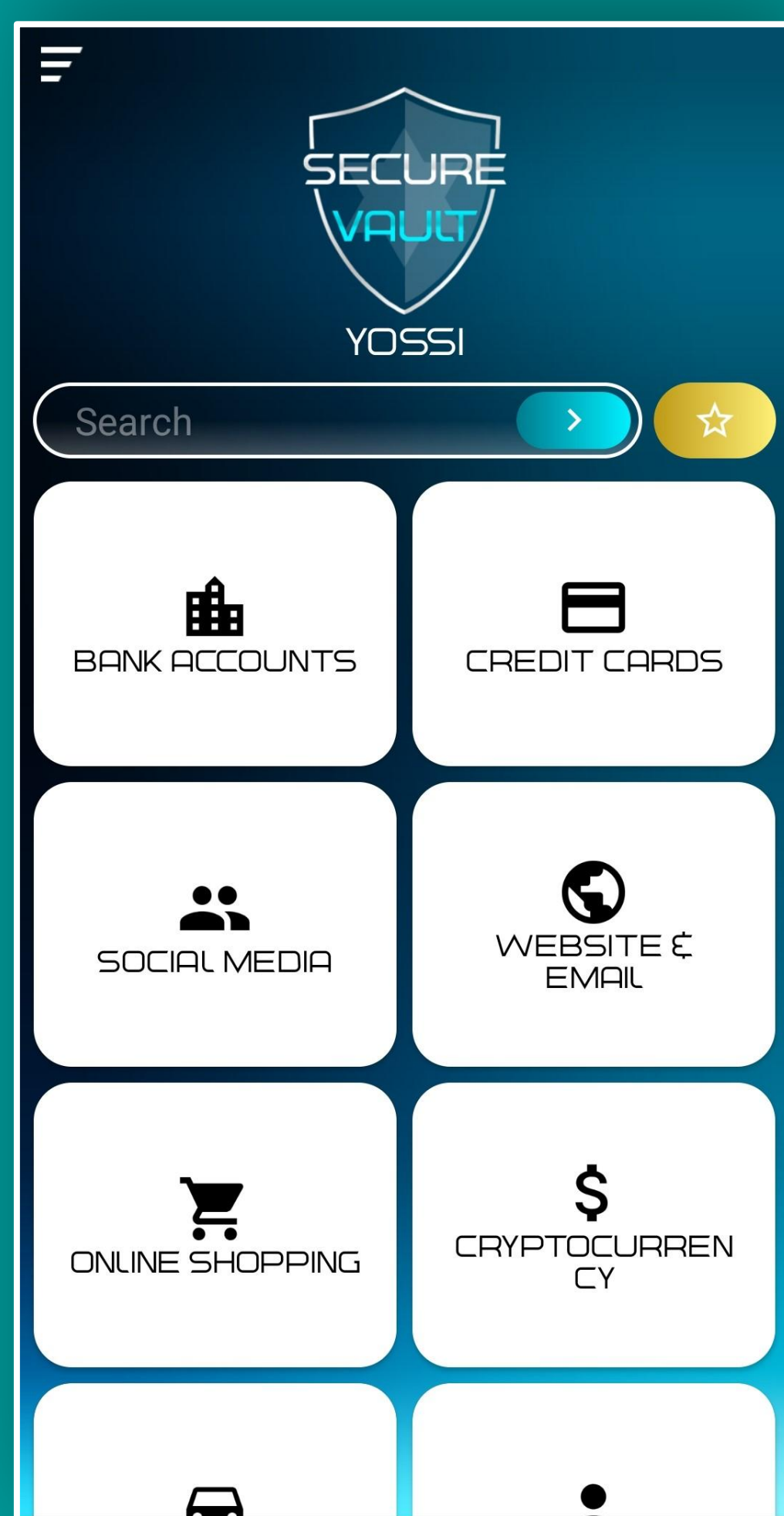
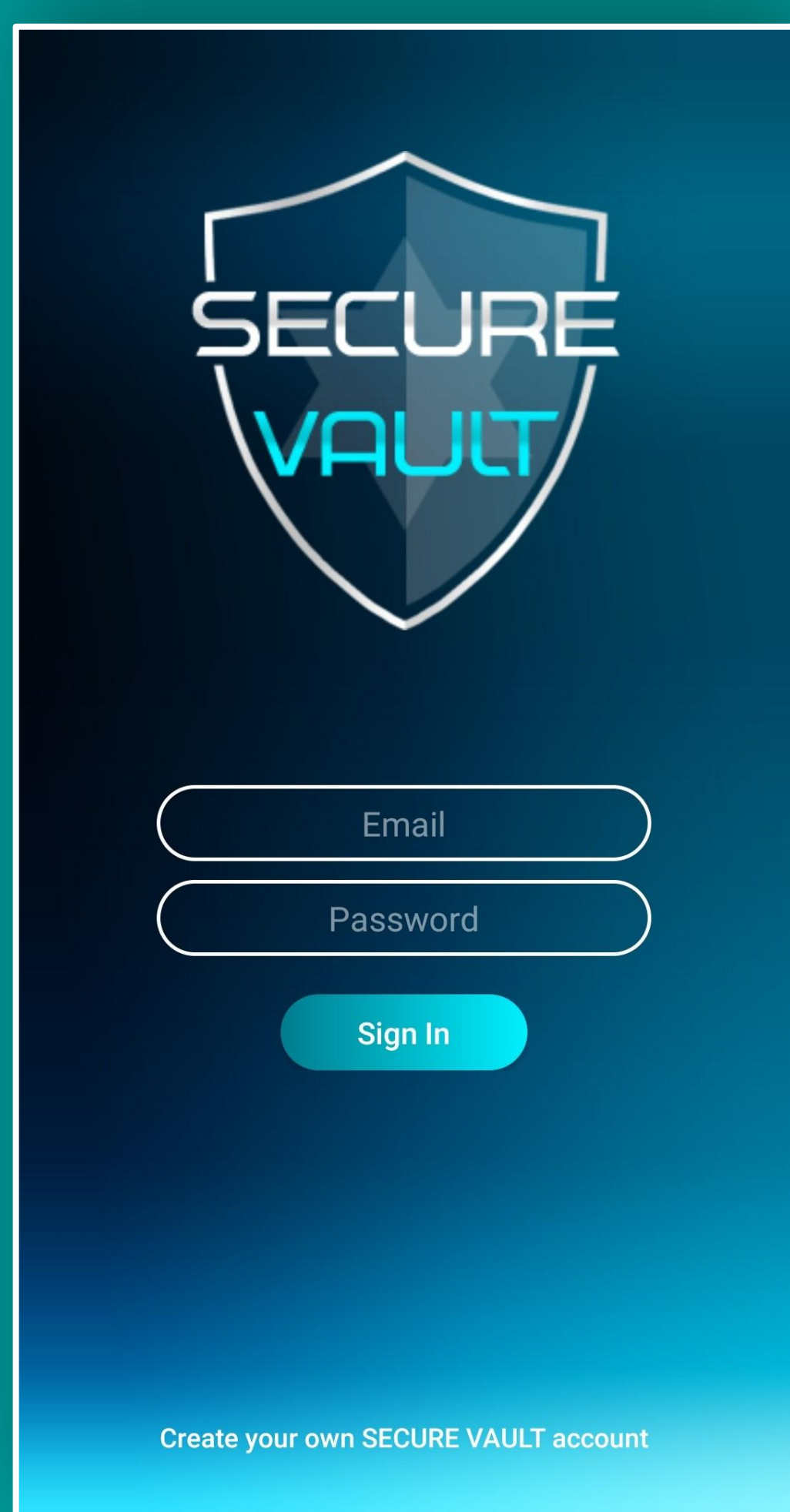
Secure Vault

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Introduction

Today we are facing data security problems and our information is vulnerable. Most of us, have few accounts of any kind. Each account must have some sort of personal data. To be able to remember all of our accounts and the information in it, most of the time we will write it down in unsecure place or use the same information/passwords at different accounts.



Conclusions:

The main goal was a secured and easy to interact application, and we manage to achieve it. The application expects you to remember only the master password for your SecureVault account.

The application gives you the opportunity to save all your information encrypted with SHA-256 method, with a unique key.

One of the options the application offers is how secure you want your information. User which want the highest secure level, can chose the 2 authentication method which checking the users password and patternLock at every entry and even before editing records.

Discussions:

In the future we can make the security even stronger.

The use of face recognition and the use of more complex encryption method can push the security to a highest level.

Furthermore, connecting to server can solve the problem of losing users device without any chance of restoring all the information.

One more upgrade is to share documents with other SecureVault accounts. That is the way the users could transfer sensitive information via the internet.

GitHub:



YouTube:

