



PassGuard

EVALUATION REPORT

EVALUATING SOFTWARE SOLUTION

Meeting System Requirements	3
Quality Assurance	4

EVALUATING SOFTWARE SOLUTION

MEETING SYSTEM REQUIREMENTS

The initial system requirements set out at the commencement software development included the following features:

During the Planning and Designing stage of the development of PassGuard, there were a number of features a functions that were planned and planned to be a part of the system. All the planned features and functionality can be divided into 3 seperate categories.

1. **Core Functionality** - Expected to be implemented to a high standard
2. **Favourable Functionality** - Functionality may be implemented
3. **Future Functionality** - Likely implemented in a later version

I was very pleased with the fact that I was able to complete all my core functionality, and good number of the favourable features.

PassGuard FUNCTIONALITY

● - Core Functionality
 ● - Like to have
 ● - If time permits

<p>- <u>Accounts</u></p> <ul style="list-style-type: none"> ↳ Creating new ↳ Using to login 	<p>- <u>Accounts</u></p> <ul style="list-style-type: none"> ✓ ↳ Stay signed in (after closing app) ✓ ↳ Premium? 	<p>- <u>Safety/Security</u></p> <ul style="list-style-type: none"> ✓ ↳ Hashing account info ↳ Stronger encryption ↳ More accurate password strength
<p>- <u>Cards</u></p> <ul style="list-style-type: none"> ↳ Create new ↳ Edit ↳ Delete 	<p>- <u>Cards</u></p> <ul style="list-style-type: none"> ✓ ↳ Favourites ✓ ↳ Tags 	<p>- <u>Cards</u></p> <ul style="list-style-type: none"> ↳ FaceID for sign in
<p>- <u>Safety/Security</u></p> <ul style="list-style-type: none"> ↳ Encryption/Decryption ↳ Password Strength 	<p>- <u>Search Bar</u></p> <ul style="list-style-type: none"> ✓ 	<p>- <u>Cards</u></p> <ul style="list-style-type: none"> ↳ Icon for each card

QUALITY ASSURANCE

Through ample testing, evaluating and much redesigning, PassGuard can be considered Quality Software, as it is very well made. In regards to accuracy, it is constantly able to provide the correct output to the user and behave in an expected way. In such way, PassGuard 1.0 is also a very reliable software solution as it has a high enough standard that the user is able to trust it with its personal information.

Trusting the application is serious as loss of the data can be detrimental. Similarly, trusting the application requires the user to be confident in the developers who made it in that they will not breach privacy or use the information for malicious reasons. The application itself is free of all malware and has no contact to any third party.

Finally, after half a year of work, it is safe to say that PassGuard is robust, and any issues that might occur would be immediately attended to and addressed in the next update (Passguard 1.2)