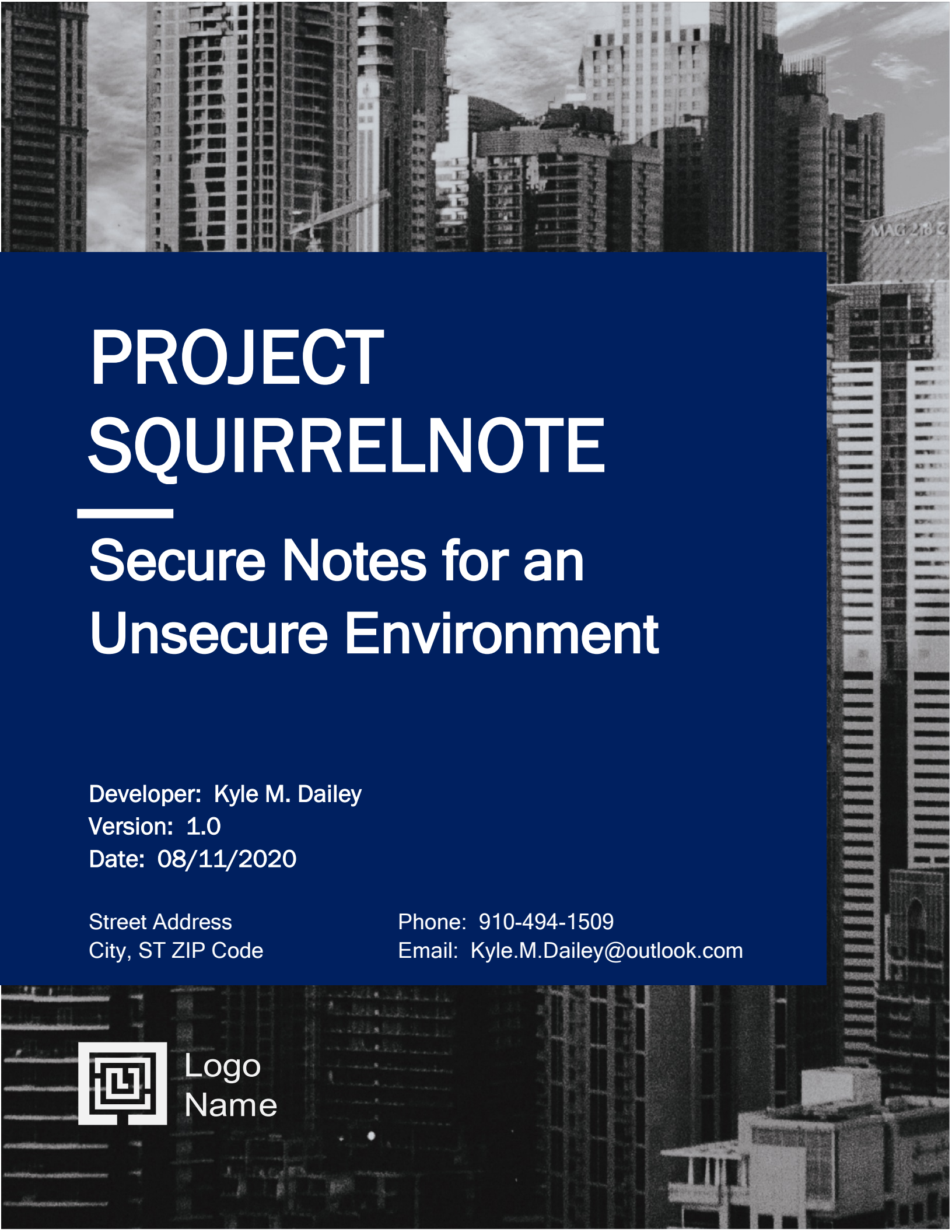

PROJECT SQUIRRELNOTE

Secure Notes for an Unsecure Environment

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Version: 1.0
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Project SquirrelNote Proposal

Abstract

Do you work with sensitive data? Are you called to regularly travel as part of your routine? Do you want to continue to work without interruption as you travel? Do you want your data to be stored on an easily accessible, yet totally secure database? Are you looking for a cloud-based solution for your note-taking needs? If you answered yes to these questions, then SquirrelNote is for you.

TARGET AUDIENCE

- Employees working with sensitive, yet unclassified data
- Employees who continually travel but must continue their workflow
- Private parties looking for secure solutions to recording pertinent data
- Those looking to access their secure data from any device, from any location, from anywhere in the world to include the comfort of their own home

PROJECT OVERVIEW

SquirrelNote is a cloud-based secure note taking application. There are several similar solutions used by the private sector and other entities working in various official capacities. SquirrelNote will be a cloud-based solution to enable users to access the functionality from multiple devices, and from any location where they have connectivity to the cloud framework.

The main purpose of this software is to create a secure space where a user can create notes and keep them secure. The application itself will potentially be hidden or obscured on the user's device using an innocuous name or title. The application will be cloud-based and will not store a cache of the notes onto the device's memory and will implement cleanup procedures upon

closing. This will allow for the phone to pass any forensic investigation without compromising the user's protected data.

The user will be required to register for an account, create a password, and create a unique encryption pin. Further, the application will need to be cross platform compatible. The notes themselves will also be encrypted. The final feature will be a "Panic Exit" button which will close the application and automatically run cleanup procedures.

The cleanup procedures will implement methods which will erase log files and registry data directly tied to the application from the user's device. It will also erase cache and website data linked to the application.

DEVELOPMENT PLAN

The plan to produce this software will take a multi-phased approach. The first phase is planning and is currently ongoing. The second phase will be the initial mock-up of the overall solution. The third phase will be to create the initial note taking framework. Phase four will create the secure methods within the application itself. Phase five will create the online framework and prepare the application for cloud deployment. Phase six will be employment and beta testing. Unit testing will take place throughout the application's life cycle.

VERSIONS

Version 1.0 will be limited to text-based notes. Subsequent versions will include media and potentially the ability to access the user's camera or other hardware on the user's device.

CONCLUSION

In conclusion, a cloud-based secure note taking application is a necessary product. It will allow users operating under non-disclosure agreements or working on proprietary projects the ability to annotate and access their ideas safely from anywhere in the world. Cloud-based solutions are the way of the future and creating this solution is critical to the future of secure computing.