1 Introduction

1.1 Purpose

- Identify the product to be produced by its name.
  - RocStar

- Describe the purpose of the Product
  - Streamline the communication and coordination of the Roc Solid Foundation and affiliated parties
  - Allow for better discovery of the Roc Solid Foundation on application stores
  - Provide a system that integrates with the Roc Solid Foundation’s customer relationship management system, NeonCRM

- Specify how it will be used and/or who the intended user community is
  - Used as:
    - A mobile application capable of multiple user authentication types
    - Method of communication between Roc Solid staff, volunteers, families, and hospital staff
  - Intended user community: Roc Solid Foundation community and families whose children have been diagnosed with childhood cancer

- Explain at a very high level what the product will do and what it won’t do
  - Will do:
    - Provide customizable notifications
    - Provide family referral functionality
    - Integrate with NeonCRM
    - Allow multiple user account permissions
    - Provide push notifications
    - Allow child referrals
    - Allow creation of RSF projects
    - Provide family websites for support
    - Provide an events calendar
    - Display the RSF Store
    - Digital child referral forms
  - Won’t do:
    - Diagnose medical conditions
    - Share user information with third parties
    - Automatically add or delete users
    - Share confidential patient communication between doctors and the child or any other party
1.2 Scope

- **Summary**
  - Improve communication
  - Improve coordination
  - Integrated form of communication and coordination for all involved parties
  - More efficient
  - Push notifications
  - Promote the Roc Solid Foundation

- **Goals**
  - Up-to-date information
  - Better serve families with children fighting cancer
  - Better connect those families to resources
  - Improve volunteer awareness and participation
  - Deliver stable prototype application after rigorous black box and white box testing
  - Provide secure storage of user information

- **Objectives**
  - Increase public affinity for the Roc Solid Foundation
  - Better serve RSF staff, volunteers, hospital staff, and families
  - Mobile application for better communication and coordination of efforts

1.3 Definitions, Acronyms, and Abbreviations

- Apache2 Web Server – software for hosting the web server
- CSS (Cascading Style Sheets) – language for formatting content displayed on a web page
- Firebase - Modular web-based tools designed for use in building software applications
- HIPPA (Health Insurance and Portability Act of 1996) – United States Act that provides data security for medical information
- HTML (HyperText Markup Language) – language for web development
- MySQL – an open-source relational database management system
- PHP – server scripting language
- RSF – Roc Solid Foundation

1.4 References
1.5 Overview

- This product specification provides the hardware and software configuration, external interfaces, capabilities, and features of the RocStar mobile application.