**Navy Food Security  
Requirements Document**

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Table of Contents

[Version Control 2](#_Toc79921720)

[Amendments 2](#_Toc79921721)

[Project Summary 3](#_Toc79921722)

[Goals 3](#_Toc79921723)

[Target Market Overview 3](#_Toc79921724)

[Product Overview and Uses 3](#_Toc79921725)

[Functional Requirements 3](#_Toc79921726)

[Non-functional Requirements 3](#_Toc79921727)

[Constraints 3](#_Toc79921728)

# Version Control

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| --- | --- | --- | --- |
| Version number | Date | Author | Notes |
| 1.0 | 15/08/2021 | Kyana Bowers | Document Created |
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# Amendments

# Project Summary

This website and mobile application will be created for use by the Australian Navy. It is going to give users the ability to create a food order with information like contents, delivery location, status, and preparation information. This order will be viewed by other staff members using a generated QR code and select users can edit or delete an order based on their position. Record history will be kept that includes order creation, deletion, and updates for up to 2 months.

# Functional Requirements

The project needs to:

* Store, retrieve, create, edit, and delete orders, users, locations, and package statuses from a database
* Allow users to create an order containing location, status, and users associated with the order (driver, packer, recipient)
* Generate QR codes based off an order
* Read QR codes
* Authentication: Users must be authenticated with a username and password to access the system.
* Authorisation levels: Users must have a specific role to be able to view certain parts of the application. E.g., Admin, packer, driver etc.

# Non-functional Requirements

* Security: The database/application must not be accessible to anyone who does not have authorisation. Admins will create profiles for personnel that have authorisation.
* Accessibility: The application must be accessible on all devices including a PC’s browser and various sized mobile devices including tablets and phones.
* Usability: The application will be easy to use for both admins and general users, though some training may be required.
* Compatibility: The application will be able to be used in a computer’s browser, or on various mobile devices.

# Constraints

Constraints include budget and peripherals, possibly network restrictions due to the confidentiality of working with the Australian Navy.