Descriptive Feature Title

Engineering Specification

Status	DRAFT | SIGNED OFF
Version	1
Authored by	<alias>, <alias>
Reviewed by	<alias>, <alias>
Signed-off by	<alias>, <alias>
Related Specs	<Link to Feature Specification>, <Link>
Backlog items	<Link to Backlog item>
Created at	<Date>
Updated at	<Date>
Signed-off at	<Date>

Purpose

[the purpose for this document]

Goals

Non-Goals

Definitions

[key terms and concepts definition and links to resources]

Term, [synonym], …	Definition

Prerequisites and Dependencies

[define all prerequisite or dependency, can use link to the backlog items to simplify the content]

Dependency short name	Description and links

Requirements (optional)

Name	Description	Priority
Short requirement name	Functional requirements from system perspective [optional precondition] [optional trigger event] the system shall [expected system response].	P1

	If the requested chemical is found in the chemical stockroom, the system shall display a list of all containers of the chemical that are currently in the stockroom.	

Short Requirement Name
[Detailed requirement description and notes]

Architecture and Logical Data/Control Flow Diagrams
[optional architecture diagram and flow goes here]

User scenarios

Engineering Deliverables
[Specify what are expected to deliver: the list of artifacts, e.g. a checked-in codes, build scripts, a demo, a doc, a README, a working deployed site/service, architecture diagram, built package, CLI/API/SDK….]
[How to measure also goes here]

Open Issues
[list known challenge/risk or challenge/risk to confirm.]

Document History

Date	Author	Notes
9/21/2020	zhshang	Initial version
Date	<alias>	Describe in bullet form what the key changes were to keep track of evolution of decisions