Project Horizon

Statement of work

# Team:

Project Manager: Chaz Goddard

Database Designer: Dylan Collingham

Web portal Designer: Oliver Beer

# Overview

# Web Portal

## Key functions

The web portal needs to achieve the following:

* Display current instruction information to all viewers
* Allow production and QA staff to send update and new instruction requests to the engineering staff
* Allow engineering staff to alert all stakeholders when requests are accepted or denied and when requests change state

## Required pages

The following provides a break down of each page required for the web portal. All pages will possess the same overall format and be in line with the customers branding. This will apply to both colour scheme and preferred text fonts.

### Index page

#### Key Elements

* Login screen?
* Navigation bar
* Pie chart showing WI release status
* News feed detailing top 10 changes

#### Advanced components

* None

### Request Page

#### Key Elements

* Form for request submissions
* News feed detailing 10 most recent requests made

#### Advanced components

* None (provisional)

### Status Overview Page

#### Key Elements

* Database shown in table view showing all instructions with status
* Search bar for easier navigation

#### Advanced components

* Select instruction part number to transfer to request page with instruction details prefilled

### Metrics Page

#### Key Elements

* News feed detailing requests made that month
* News feed detailing requests completed that month
* Table showing same details for previous months

#### Advanced components

* chart showing requested vs completed per month

### (potential) Work List page

#### Key Elements

* table views of all current requests

#### Advanced Elements

* None

# Database

## Required information

## Database tables

### Instruction database

#### Key fields

* Database I.D
* Instruction part number (5-digit integer)
* Instruction description (variable length string)
* Device type (one of three string: Computer, Rack, Tablet)
* Instruction section (one of five string: build, BIOS, install, configuration, packing)
* Instruction level (one of three string: Gold, Silver, Bronze)
* Current status (one of six string: Current, Update requested, Rewrite required, In progress, New instruction requested, Obsolete)
* Release date (date field)
* Revision (integer)

### User database

#### Key fields

* Database I.D
* Username
* Password
* Read Access level
* Write Access level

# Integration

## Key features

# Project Documentation & Reporting

## Key requirements

## Demonstration of agile

# Key dates:

Presentation: 24/01/2022

Documentation submission: 8/4/2022

# User Guide