// This document outlines the (folder) structure and functionality of the BCS Portal AngularJS frontend

// The portal is divided into two interfaces - Managed Services Portal and Cloud Billing

// Any module not under the ‘Cloudbilling’ is Managed Services

// Each folder directory contains the controllers, styling (scss), html, and unit test

// Some modules are in development/feature phases

AngularJS Frontend Structure

**ROOT**

Deploy

* Cloudbuild/Kubernetes yaml configuration files utilized in deployment

Gulp

* Build settings for compiling, translating, minimizing, and setting up application initialization.
* Asset, script, and style injection
* Unit testing configurations

SRC

* App
  + Calendar (/calendar)
    - Change calendar module for standard portal
    - Displays change requests in a calendar timeslider UI
  + Cloudbilling
    - Budget (/cloudbilling\_projects)
      * Budget configurations for company, group, departments, and projects.
      * Alert thresholds
      * Project Details
      * Company budget activity
    - Burwood Admin (/cloudbilling\_burwood\_admin)
      * Billing account configuration
      * Company details (company code, discounts, service fees, and invoice notes
    - Company (/cloudbilling\_config)
      * Client admin configuration
      * Company budget settings
      * Company notification settings
    - Dashboard (/cloudbilling\_dashboard\_admin) (/cloudbilling\_dashboard\_admin)
      * Admin and project dashboards
    - Funding (/cloudbilling\_po)
      * Funding configurations for STRIDES and purchase orders
      * Funding Source report
      * Invoice setup by funding source
    - Report (/cloudbilling\_reports)
      * Main reporting module for cloud billing
      * Invoice tab for downloading invoices by company, group, department, or PO
      * Download copy of weekly summary for admins
      * Customize and export reports
    - Util
      * Utility scripts for cloudbilling modules, invoicing, and reporting processors
  + Company (/company)
    - Tables for viewing device circuits, vendors, users, and device locations
  + Components/Navbar
    - UI routing component for navigating routes for both Cloud Billing and Managed Services
    - User dropdown modules for notifications, password change, client filter, sso config, view switching, and logout
  + ContactUs (/contactus)
    - Page for managed services contact information and locations
  + Contracts (/contracts)
    - Module for viewing Managed Services contracts and related contract items, prices, and skus
  + Devices (/devices)
    - Main modules for listing client devices and relevant information (locations, ip, etc)
    - Contains reporting on each device by interfaces or by selected metric
    - Query reports by date range
    - Apply trend analysis
  + Discovery (/discovery) (/discovery\_new) (/credentials) \*\*\*Development
    - Table for viewing current/past device discovery sessions
    - Form for collecting and submitting discovery session
    - Form for collecting credentials for initiating discovery session
  + Docs (/docs) (/release\_notes) (/cloud\_guide) (/cloud\_user\_guide)
    - /docs - Documentation for Managed Services Portal housed in GCP Cloud Storage Bucket
    - /release\_notes - Bi-weekly release notes synced with Servicenow’s release table for the BCS Portal (cloudbilling only)
    - /cloud\_guide, /cloud\_user\_guide - Cloud Billing user guides which are housed in Github repository and displayed through markdown.
  + Events (/events) (/cleared\_events)
    - Tables for viewing SL events and details of those events/cleared events
    - Single event modal for more detailed information
  + Highcharts
    - Custom directive for implementing highcharts across reporting modules
  + JS
    - Misc. js utility modules
  + Login (/login) (/logout) (sso\_login)
    - Module for login, logout, register
    - SSO login initiation
      * Check valid IdP config
      * Redirect to IdP
      * Confirm assertion
    - Reset password form with valid email and encrypted id
  + Main (/)
    - Main dashboard/landing page for the Managed Services Portal
    - Twitter API Feed
    - Burwood Website Scrape
    - Performance Analytics Widgets
    - Widget Configuration Modal
  + Netbrain (/netbrain) \*\*\*development
    - SSO integration directly into Netbrain maps
    - Downloads of environment maps
  + Onboarding (/cloudbilling\_onboarding) \*\*\*development
    - Servicenow integration with onboarding projects
    - Table for viewing status, assignments, and subtasks for onboarding processes
  + Problem (/problem)
    - Servicenow integration with Problem tickets types
    - Table overview of tickets
    - Single ticket view and activity
  + Report (/report)
    - Main reporting module for the Managed Services Portal
    - Tickets reports, device reports, analytics, table exports
    - Report builder/composer (emailed)
    - Scheduled emails report configurations
  + Requests (/requests)
    - Servicenow integration with Request tickets types
    - Table overview of tickets
    - Single ticket view and activity
    - Ticket submission form
    - Include separate UI and module for Cloud specific requests
    - Contains internal request form available to only Burwood Users
  + Reset (/reset\_password)
    - Reset page to accept valid users to reset password.
    - Reset initiated from Login module and continued through Reset
  + Sciencelogic
    - Services used to prep and transmit REST and GQL queries to Sciencelogic module on BE server.
  + Search
    - Global search module
    - Located in top right corner of Managed Services portal
    - Searches all tickets, devices, and keywords
  + Server
    - Services used to prep and transmit REST queries to standard portal backend server
  + Service
    - Misc service and factory scripts for standard portal
  + Servicenow
    - Services used to prep and transmit REST queries to Servicenow module on BE server.
  + Shared
    - Shared UI components across both Portal environments
    - Activity feed, confirmation, loading, notices, etc
  + SSO (/sso\_config)
    - Internal page for configuration of SSO clients
    - IdP configurations (certificates, domains, attributes, etc)
    - Both Cloud Billing and Managed Services
  + Status (/incidents)
    - Servicenow integration with Incident tickets types
    - Table overview of tickets
    - Single ticket view and activity
    - Ticket submission form
  + Ticket (/ticket) \*\*\* deprecated
    - Servicenow integration with all tickets types
  + Uchangereqquest (/uchange\_request)
    - Servicenow integration with Change tickets types
    - Table overview of tickets
    - Single ticket view and activity
    - Ticket submission form
  + UserAdmin (/cloudbilling\_users)
    - TCloud Billing module for user management
    - Synced with Servicenow catalog of users, groups, and details
    - Allows users to be mapped to cloud projects, departments, or groups
    - Configuration of cloud billing roles and views
    - Create new user
    - Password reset upon new user or update
  + \*\*\*.index.\*\*\*
    - Global constants
    - Header injections for HTTPS
    - Route and controller configuration/management
    - Runtime codeblocks/route restrictions
    - Bower configurations
* Assets
  + Static assets, fonts, icons, etc.

\*\*\*-frontend.Dockerfile

* Dockerfile build steps for each environment