Forecourt Operations Document App

# Brief:

Forecourts currently have a lot of paper-based operational support documents. They would like these documents digitising in the form of an easily accessible app complete with a backend to manage and maintain the documents.

# Target

* Forecourt iPads
* Landscape and Portrait orientations
* iOS 14.1 +

# App Features:

## Login

* Anyone with an employee number should be able to log into the app.
* Every login must have an active Wi-Fi connection.
* On each login, any directory or document changes must be reflected within the app.
* All documents get downloaded and stored within the app.
* On each login, the user is taken back to the root directory.
* When the app is minimized or goes to sleep, display the login screen.

## Directories

* Display nested levels of directories containing document names.
* A directory can only contain either more directories or documents.
* Pull down to refresh all documents and directories. This will also take the user back to the root level directory as the directory structure may have changed.

## Documents

* Display a single document.
* A document can be in PDF, PNG or JPG format.
* Documents are stored on S3 and downloaded via their file path.
* Zoomable.
* Scrollable.

## Search

* Ability to search for a document by title and display a list of returned results.

## Logout

* Logout a user and display the login screen.

# Admin Features:

## About

* Display information about the device
  + App version
  + iOS version
  + Device model
* Display information about the network connectivity status
  + Internet
  + DocumentStorage end point
  + S3 end point
* Pull down to refresh.

## Config Login

* Provide a login screen to gain access to change and view the end points.
* Static password.
* Display connectivity status to each of the end points.
* Pull down to refresh.
* Set end point back to default.