BC Hydro Survey Helper

Initial Software Proposal

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# Introduction

This document is a discussion of the structure and design of the as-of-yet-unnamed application to be developed for Amec Foster Wheeler plc (Amec from here on) to assist in the process of surveying BC Hydro power transmission poles. The goal of this discussion is to relate an early concept for the overall workflow of the application, as well as to reveal some of the underlying framework needed to support it.

# Background

The current method being used by Amec to survey poles is arduous and paper heavy, as well as being prone to errors and losses resulting from the use of paper records which must be sent to an agent on site, filled out and returned safely and without disruption. A digital solution built around a tablet PC running a data-collection assistant and a server-side backend is required.

# Application Structure

Intro text here

## Workflow Overview

Workflow explanation w/ diagram here

## Workflow Components

Transition text here

### Login Screen

Login screen brief here

### Assignment List

Brief Here

### Document Review

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### Questionnare

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### Photography

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### Overall Review

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### Submission

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### Data Upload

Brief Here