## Title of the project

#### Version:

#### Date (dd MMM yyyy):

## People

#### Author of the design notes:

#### Developers/Contributors:

#### Reviewers:

## Context

Talk the context, not the problem or solution. For example, if this is for extending an existing product, talk about the product and what it does. Or how the existing system functions in general, for reader’s awareness.

## Problem Definition

#### What problem are we solving?

#### Why is this a necessity?

#### How fixing this problem fits into the strategy?

## Solution - Goals & Non-Goals

#### What are the objectives and they impact the users?

#### What are the success criteria?

#### What are we NOT fixing?

## Design and Implementation - Components/Entities

High level design and implementation details, with components explained. Support each workflow with DFDs.

#### Component/Entity #1

Description

Configuration and model

Interaction (DFD)

#### ….

#### Component/Entity #N

## Milestones

Tangible milestones as checkpoints spanning across multiple sprints.

## Existing Solution (optional)

The present (inefficient) way of doing this, workarounds, and the data flow depicting a typical user workflow.

## Alternative Solutions (optional)

What other solutions (including 3rd party) did we consider and why they are not chosen. Pros and cons.

## Testability, Monitoring and Alerting

It says it all. Observability and Failure detection.

## Dependencies & Risks

What are out dependencies and potential risks to implementing this design.

## Appendix

Related information and technical references like RFCs, Data sampling, etc.

A sample design note: <https://iwww.corp.linkedin.com/wiki/cf/display/IEO/AutoBuild+Self+Service+-+Reimage+and+Reboot>