Solution Report

Meal delivery service for recipes – Freshly dropped

# Executive Summary

This should summarise the entire document and its outcomes – What has happened and what will happen.

# Context / Background / Brief

Information about the client, problem or scenario that you are faced with.

* Create a web and native app that can improve the customer experience and increase the customer base for Freshly Dropped.
* Make it easy to look at, order, and prepare recipes.

# Business / Project Objectives

What are the main things you're trying to do / fix / improve by the project and the app / solution.

* Fresh healthy food
* Alleviate choice of what to eat
* Delivery of food to homes to avoid shopping.
* Grow their customer base via easy-to-use platforms.

# Existing solution

Highlight the current business practice and process.

The client has a website that facilitates the basic core business of selection, payment and delivery of goods. None of the filtering, favorites and organisational components....

# Admin Backend

## Data storage

The two options presented by the team involved both no SQL and relational SQL database. The data is simple, and the integrity of the data is not of high importance. As a result, noSQL is a good option for this project. It is simpler to develop and implement for the team vs an SQL database and is becoming more popular as an industry standard. While choosing SQL over a noSQL database presents no direct impact to the client or how they use the app, as the solution and customer base grows the lack of integrity to the data could be a problem. However, NoSQL excels at handling large amounts of data, quickly.

MongoDB / MariaDB

* Custom solution more flexibility
* More work
* Cheaper

AWS/Azure

* Higher costs
* Unfamiliar to development team?
* Highly scalable
* Security – Cloud systems standards (Also reduced risk)

Firebase

* Much higher costs
* Unfamiliar but simple to implement (good tooling)
* Scalable
* Security – Cloud systems standards (Also reduced risk)