Grocery Store

Web Application

Architectural Design

Version 1.0

April 2020

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**1 Introduction**

This document will help to understand basic flow of application which is being under development. It will cover its high level architecture as well as technical implementation.

* 1. **Objective of Document**

This document is intended to outline the architecture for Grocery Store.

* 1. **Target Audience**

Target audience of this document is following:

* Team 360 DEV

**2 Grocery Store High Level Architecture**

**2.1 Overview**

Grocery Store will be a web based app. It will be developed using latest technologies. It will be first version of this app in its own. App’s backend will be based on latest .Net Core 3.0 and its front end will be made in React JS.

**2.1 Architectural Flow**

Architectural flow involves deployment and execution flow. Deployment refers to hosting the components and the execution flow refers to execution of application when all the components are installed, hosted and configured

**2.2 Application Execution Flow**

In our application there will be a default log-in screen through which user can log in into app. User can either be a seller or can be a buyer. Both have to register before log-in. Seller is a grocery shop which intend to sale its products in this site, after registration. On the other hand user who can also called a customer can buy products from seller.

When user will browse our application there will be a map which will display all nearby grocery stores which will be available according to user location. User just have to click/tab that store to open that store products list. When user will get the list he/she can pick items from that list and can automatically add into cart.

Once user finished shopping he/she will proceed toward checkout and then items will be delivered to his/her door step. Payment can Cash on Delivery and other online payments available at that time. Delivery of items will be responsibility of that grocery store or can also be configured via 3rd party delivery boy. User can also track his order and get notified once items were delivered to door step.