Team 15 Project Charter
Delivery and Order Management System(DOMS)

Team Members:

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Problem Statement:

In our current society, delivering customers right to their doorstep significantly raises the value of any store. Although local stores would like to provide delivery, they often do not have the means or capital to do so. Our solution will help local markets to deliver their orders through an automated delivery and ordering system. Not only will this give the local stores an online identity, but it will also help them compete against big box online retailers.

Project Objectives

The objectives of the project are:

- Create an order management system for each local store.
- Create a driver management system that allows centralizing drivers that can be shared by stores.
- Create an automated scheduler to schedule deliveries efficiently.
- Create an API for the system that allows integration into already existing ordering systems.
- Provide each store with monthly statistics about orders received.
- Link a payment gateway to accept payments of orders

Stakeholders:

The stakeholders of this project will be:

- Store owners
- Drivers from various sources that accept the delivery
- Project developers
- Order Placing Systems

Deliverables:

A platform that allows local markets to deliver their orders through an automated delivery and ordering system. The deliverables will consist of:

- A web based delivery and order management platform (DOMP) extendable to a specific domain (specific store or restaurant) using nodejs and frontend frameworks (HTML, CSS, javaScript).
- A web-based admin application for stores using using nodejs, HTML, CSS, javaScript.
- An application for dispatching orders to drivers (iOS or Android based)

- An API used to integrate other platforms using nodejs and express.