

AOU

Software Requirements Specification for Around You Application

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1. Introduction

1.1 Purpose

This Software Requirements Specification is intended to document the requirements for the Around You application (AOU). The requirements came from the daily needs and business models around the world. The project is supervised by Prof. Suneil Berajawala.

1.2 Overview

The application helps users find the resources around them and receive brokerage help for bulk orders from the participating businesses.

Application focuses on 2 categories and brokerage of Bulk Ordering

1. Restaurants
2. Markets/Grocery stores

2. Overall Description

2.1 Key Functionality –

The User selects a category and radius of search (i.e., AOU/ALL) and the application lists down the Category information (i.e., restaurants/market names) near the user based on his zip code.

Note : This is mainly useful for the analytics, by which the admin can use the information of potential customers and notify businesses around. (These analytics are not included in the project). In return the user may get offers because of his use of the application. And for businesses they may wish to register in our application which will help to increase the participating businesses in our app !!

Brokerage of Bulk Order -

If users wish to purchase any quantity in bulk, they may fill a form and submit it (here expected date of the event or deadline can be posted). The admin along with his team can negotiate with the dealer and get back to the customer with an offer.

Only the restaurants/markets registered will be shown to the user. User can choose from which restaurants/markets he wishes to hear from.

Based on the form, the admin sends the bulk order request to the dealer and gets a quote for the user and informs user regarding the same.

Offers/Coupons -

Bulk Coupon – Given to a user for the bulk order.

3. Specific Requirements**3.1 Roles and Accessibility –**

All 3 roles can manage their dashboard content.

Role	Actions
USER	<ul style="list-style-type: none"> • REGISTER • Access Account • Edits any information he provided • View Categories • Select Category • View Information about the selected category • Change the radius of search (ALL/AOU) • Submit a bulk Order form • Accept a bulk Order Offer • Can view offers
ADMIN	<ul style="list-style-type: none"> • Update offers. • View Bulk Order forms received. • Send a bulk offer coupon to the User. • View Vendors • Remove Vendors if they are not in the committed orders list. • Clear expired orders. i.e., orders whose event date is past the current date (today)
Vendor	<ul style="list-style-type: none"> • Register by New Vendor Form • Add Products for users to order • Manage Product information • Remove Products possible only if the order is not committed. • View Product information • View Orders which are in processing status

3.2 Technology –

Components	Technologies Considered	Inclusion
Server Side	J2EE	Yes
Client Side	HTML5, CSS3, JS	Yes
Frameworks	Spring MVC, Hibernate, Spring Security, Bootstrap	Yes
Build Automation	MAVEN	Yes
Version Control	GIT	Yes
JS Frameworks	jQuery, Wow, Material	Yes
IDE	Spring Tool Suite 3	Yes