

Design Document

Guac N Roll

10/31/2024

Version 1

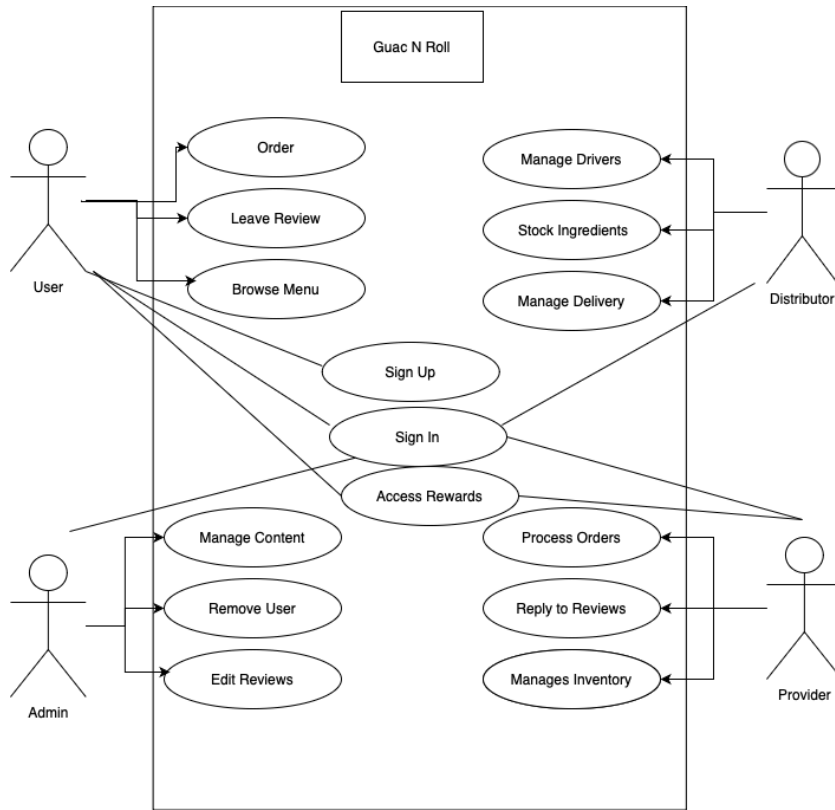
Jacob DeBroder, Devon Moskowitz, Benjamin

Revelo and Sreyes Venkat

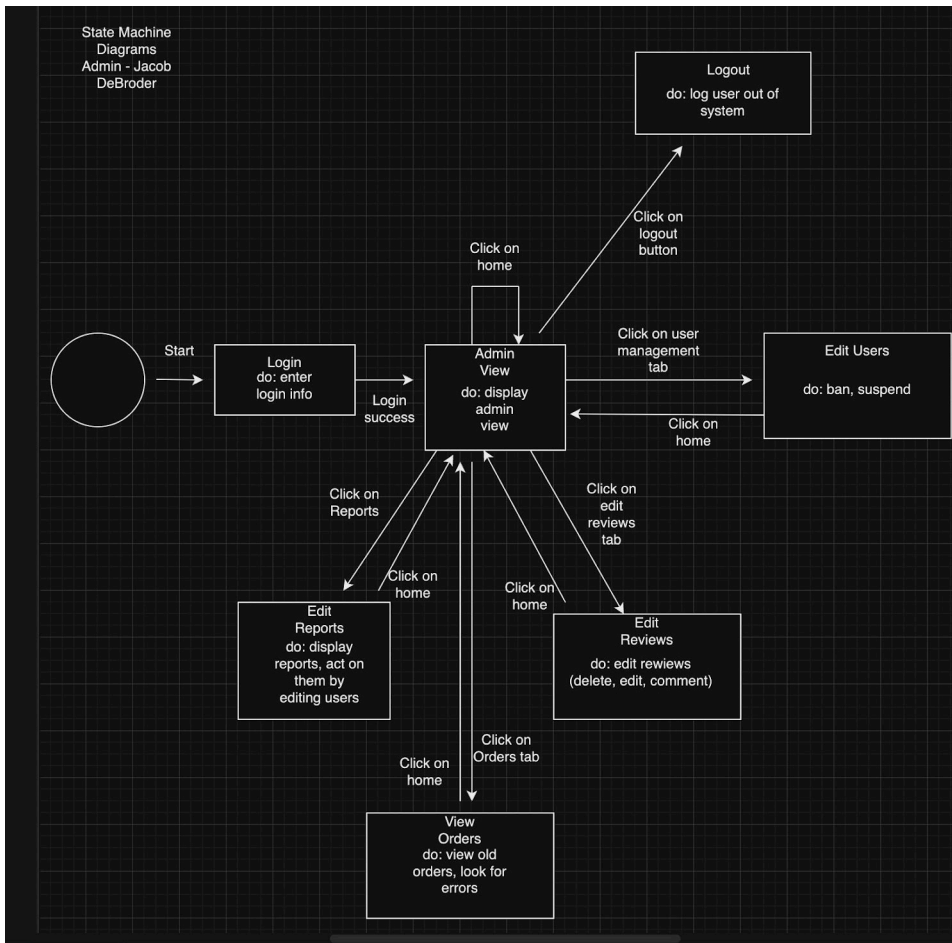
## 1. Project Overview

The goal of the Guac N Roll web application is to provide customers a convenient and fast way to order food from a variety of Mexican inspired dishes. Customers will be able to go through the menu and add menu items to order, and if they prefer to edit a particular menu item, they can make changes as well. The web application is an interactive website, users will be able to review food items and view other customers' reviews. Customers will also have their own Rewards points system, accruing points proportional to every purchase amount, and those points can in turn be used to buy food items. The web application also provides users a shopping cart that allows customers to keep track of their order, shows subtotal price as the customer builds their order, and has the option to edit or delete an item in the shopping cart. The System Admin is responsible for website moderation and making appropriate website changes if needed.

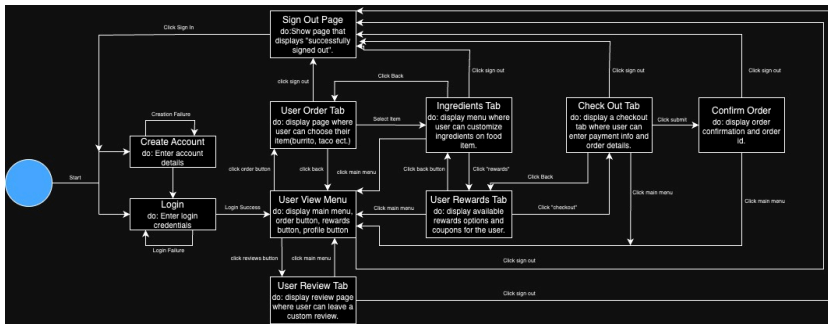
## 2. Use-Case Model



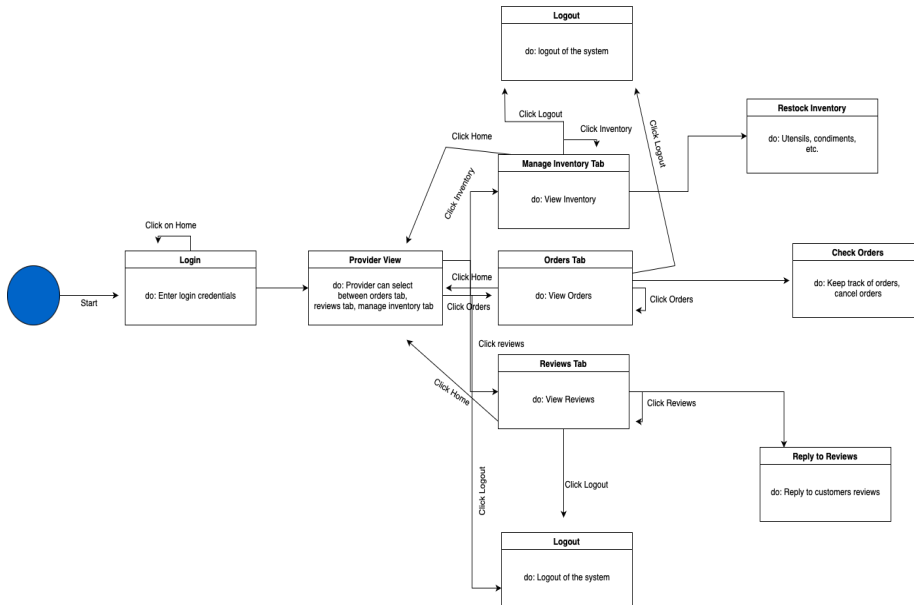
3. State Machine Diagrams  
a. Admin – Jacob DeBroder



#### 4. User – Sreyes Venkat



## 5. Provider – Ben Revelo



## 6. Distributor – Devon Moskowitz

