College Of Engineering

CMPE-280 FINAL PROJECT

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HOME FOODIE

A WEBSITE TO ORDER HOMEMADE FOOD

Submitted by

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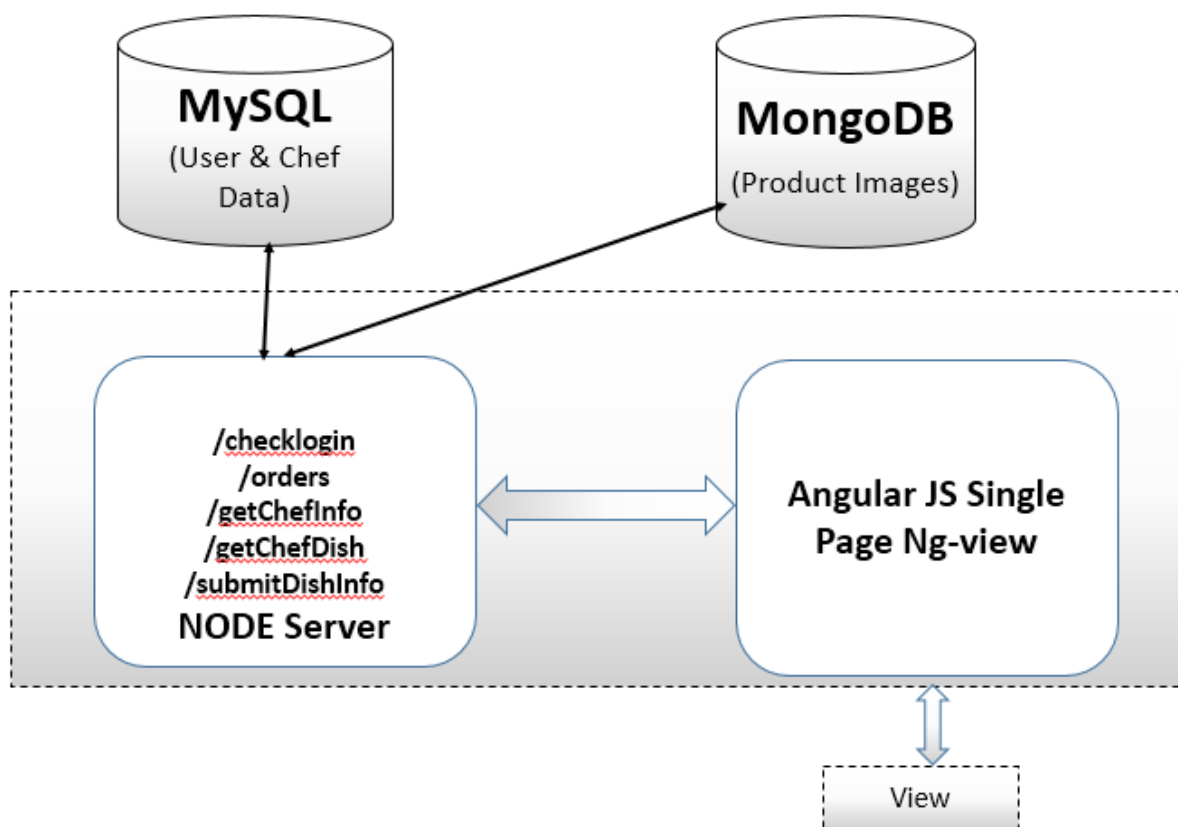
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INTRODUCTION

Tired of going through numerous websites looking for food that is delicious and healthy? What if there was a solution to eating healthy and tasty? Home foodie provides you with a one stop solution for your problem. We cater to the foodie and the health freak in you. Home Foodie is a platform for passionate cooks to sell their tasty and healthy food, also customers can order these homemade foods and get the food delivered at doorstep. This application can render as an income to many people who love cooking as they can cook food and sell it and make an income out of it. This application is also a great source for many people who wants to eat healthy in their busy schedule. The chefs put a short description about themselves, images of the food, description and the price of the food item for sale. Customers can browse many chefs and their food items, add food to cart and order with online payment. The Chef will get notification if the customer places an order.

SYSTEM DESIGN

Home Foodie Client represents the front-end where various chefs can register an account, login, create a profile by updating the cover photo, profile photo, description and uploading food images with the food price and description into the menu. Customers can also register, login browse through the food items uploaded my different chefs, add the food to be ordered into the cart, checkout and make the payment. The chef gets a notification once the customer orders food. The food will be delivered to the customer whenever the customer needs it. Various Functionality such as login, registration, uploading food items, adding to cart, ordering food and choosing the delivery method can be accessed from this page. User interface is customized for two different roles, one is chef and one is customer. In this application we are making use of bootstrap, HTML5 and AngularJs for the client side

code and Node Js for the server side code. We have used MySQL to store the user data and MongoDB to store the uploaded images.

The block diagram of the system:

Strategy to Market Product:

 The products will be aimed at geographical regions with high number of young foreign working professionals and students as they are pressed for time and sometimes lack cooking skills to make the delicious recipes they crave. To market the products, the following strategy will be followed.

1. The product will be first launched cities having large population having huge youth population so that penetration and users increases with less effort.
2. The product will be marketed in social media platforms like Facebook, Twitter where advertisements will be targeted on different groups.
3. We would leverage the Chef's contacts by providing chef's and customers to refer their friends and family by giving 15$ referral credit. It's would be a win-win situation for chef's as well as they would earn by selling their dishes and products user base will also increase.
4. We can partner with Lyft ride-sharing services so that their delivery network can be used. It will also give Lyft an edge over Uber. Uber has UberEats which has food order and delivery option from restaurants. By partnering with Lyft we can leverage their existing network for increasing our product users by sending existing Lyft users text messages.

Project Link: http://sample-env.cvcfef2r8k.us-west-2.elasticbeanstalk.com/

Conclusion

In this project, we have successfully designed an interactive web site that provides a platform for many cooks around the world to sell their healthy food, and customers to order homemade healthy food from wherever they are. Various technologies were used over the course of the project that we are now well acquainted with. We learnt how to design a mean stack project. We got a thorough knowledge on HTML, CSS , bootstrap , Javascript , AngularJS , Node JS , MongoDB and MySQL. The knowledge of all these technologies is a great achievement for us.