Foodie

Ashutosh Kumar 1601010 Nilesh Agarwal 1601037 Shikhar Yadav 1601049

I. Introduction

- This product will a restaurant search website, where site visitors can compare prices, delivery time and availability from different food delivery services [Zomato, Swiggy, Uber Eats].
- **Who needs this product ? What problem does it solve?**
  Suppose you move into a new city, we need to know which food delivery service work in the city. Also instead of going through each app to see which services offers less price for the same food in the same restaurant, has better delivery time, discounted delivery charges, our product does the work for you and shows the best deals.
- Therefore this product will be a one stop solution to all your problems saving item and money.

II. Vision

- **What is this product, on a high level?**
  At a high level this product aims to cover more number of regions could be possibly used globally. We aim to target more number of customers and more number of restaurants.
- **What alternatives are available for this product?**
  From the competitive analysis point of view, there are currently no other alternatives available in todays market.
- **Why is this project compelling and worth developing? What is novel about this product?**
  With the advent of new food delivery services increasing on a daily basis users often compare before buying a product. Users want faster and cheaper delivery options, since there are no other alternative presently in today's market a product of such kind will be highly appealing to the customers.
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III. Software Architecture

- **What is the product architecture?**
  Users will have access to a website where they give input data such as location, food choice. Then the product searches through various food delivery services, fetch all the results and scrap their data. Then we sort the data based on popularity, deals, discounted delivery charges and finally show you the best deals to choice from a service.

- **What languages/toolkits do we propose to use for the development?**
  The frontend could be built using HTML, Javascript, CSS. As for the backend to scrap web it could be done using python or NodeJS.

IV. Challenges and Risks

- **What is the single most serious challenge you see in developing the product on schedule?**
  The total backend job is quite hard as it requires to stay updated with various food delivery websites. Using the present technologies and handling large amount of data will be a tough job.

- **How will you minimize or mitigate the risk?**
  We plan to place the data in the cloud services to minimize the risks involved in it.