

Project Name:

**Customize food
menu within budget**

~Submitted By

Group 8

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A1. Problem Statement (write at least 350 words)

What problem do you think require attention to solve?

Advancement in the science and technology is directly and positively affecting the people's way of living on one hand however it is also affecting indirectly and negatively on the people's health on the other hand. New inventions in the field of science and technology are very necessary in such a modern world for a country to be strong and well developed country than other countries.

Nowadays everyone is having busy schedule whether it is urban area or rural one. But talking specifically about the urban areas and deeply about the big cities, people out there are so busy in their life that they don't get enough of time to have their meals properly. So food ordering system these days has one of the fastest growing market, though being a new idea. Nowadays, people are more regular to dine-in at restaurant for their meals. So they find where the offer is to eat and if there is any offer dose it into their budget.

The problem which is going to be mentioned has an existing solution already but not much efficient when situation can be worse. Talking about reality, we don't get to spend an easygoing day for each of the day in our life. To place an order, currently we need to search for the restaurant and find for a food item. If we have a limited budget, we spend a lot of time in searching for the food item which will be according to our taste and price range. Clearly, a lot of time gets wasted. And suppose, there are guests or friends have come to visit our house, what is our typical tradition is that we like to order snacks/beverages to our guests or firrnds. Suppose we don't want to go to the kitchen and make snacks/food in order to spend time with them, we want to order food online. But if our budget is a little fixed, surely a huge amount of effort and time will get wasted by searching for restaurants, type of food and menu in order. So when friends come for group

study, we may spend our time on searching for food items instead of studying. So, losing time is of course a noticeable factor in here. Again, if someone is very sick, living alone, it's quite impossible on his/her part to cook at home while it's very much important to have some sustenance to get inside the stomach in order to stay or get fine. So when he/she starts to find for restaurants, food items with budget in notice, the person may get pretty much bored or upset to give a look for the food price at each item and may not even order.

We already know, human effort and time are very priceless factor. All we aim is for an easier and time consuming life. Since there are some problems that may affect our time badly, we better start discussing about the problem so we may come out with a solution as efficient as possible. Besides, if we want to order more than one item, it's not yet possible and again, if we want to order food from two different restaurant, that's also not possible. And there are some app which directly takes call of the customer and take the order manually which always doesn't ensure that the delivery man will be from a nearby location.

A2. Existing Solution(s) (write at least 350 words)

Write what are the available solution we have for the stated problem

Today we are lucky to be living in an era when anything can be delivered at your doorsteps without going out to buy it. Food is no exception. Talking about food, it isn't about pizza anymore. The internet has made massive progress to facilitate cool new things. Now with a few clicks, you can get whatever your hungry tummy is craving for. Online Food ordering system is a process in which one can order various foods and beverages from some local restaurant and hotels through the use of internet, just by sitting at home or any place. And the order is delivered to the told location. We are now few clicks away to get home delivery of readymade food at ease. In our country, this business is growing rapidly in recent times, and it's promising. Let's look at 6 of the most popular online food delivery services. Almost all of them have apps or websites through we can order food.

1. HungryNaki

HungryNaki is a 100% Bangladeshi online food delivery system that offers services to hungry people in Dhaka, Chittagong, and Sylhet. With over 800 restaurants in ordering list, HungryNaki might be the best option to choose.

- Website: hungrynaki.com
- Contact: 01841-486479 / 09606 454545.
- Location: Dhaka, Chittagong, Sylhet.
- App: <https://goo.gl/Ij22pN>
- Payment Methods: Cash On Delivery, Credit Cards, bKash.

2. Sheba Food

Sheba.xyz has a food delivery service that serves the users with authentic homemade food. Here's how it works. There are two types of meals they offer – Premium and Economic. The meals are cooked right after getting the order. This keeps the freshness and authenticity of the homemade food.

Some of the meals ordered may not be available depending on your location. So, it is always a great thing to check the availability first.

- Website: [Sheba.xyz](https://sheba.xyz)
- Contact: 16516
- Location: Dhaka
- App: <https://goo.gl/4U61om>
- Payment Methods: Cash On Delivery, DBBL Nexus, Credit Cards, bKash.

3. Foodpanda

It is one of the most popular online food delivery services in the Asian region as well as Bangladesh. Currently, it offers delivery service in Dhaka, Chittagong and Sylhet with more cities to cover in future.

- Website: www.foodpanda.com.bd
- Contact: +8809678 777 555
- Location: Dhaka, Chittagong, Sylhet.
- App: <https://goo.gl/MNa34a>
- Payment Methods: Cash On Delivery & Online Payments.

4. Pathao Food

While Pathao being a ride-sharing app, it has pushed its limit beyond that. Recently, they have introduced a new service called Pathao Food which is a full-fledged online food ordering and delivery service.

Website: www.pathao.com/food

Location: Dhaka.

App: <https://goo.gl/4k6LNg>

Payment Method: Cash on Delivery

5. Foodmart

Foodmart has been there recently with an excellent service to offer. Based on Dhaka and Chittagong only, Foodmart has coverage of most of the restaurant in Dhaka and Chittagong.

- Website: foodmart.com.bd
- Contact: +8801793111333 / 01793111444.
- Location: Dhaka, Chittagong.
- App: <https://goo.gl/U7LKMD>
- Payment Methods: Online Payments.

6. Foodtong

Foodtong supplies homemade food to your event and office. There are some chefs who are contacted with Foodtong to supply the ordered food by cooking right from their home kitchen. The food is delivered right to your doorstep with cash on delivery facilities. Currently, the service is available at Basundhara R/A of Dhaka, but the service is soon to be available in other parts of Dhaka as well.

- Website: foodtong.co
- Contact: 017 418 17283
- Location: Dhaka.
- Payment Methods: Online Payments.

7. Food24X7bd

Driving the focus away from restaurant based take away, Food24X7bd has something new to offer. It's an online based restaurant that offers different tastes of good food 24X7. Food24X7bd offers free delivery for food ordered over 500 taka. This service is now available only at Basundhara area of Dhaka, yet can cover others parts of Dhaka if the order is big enough.

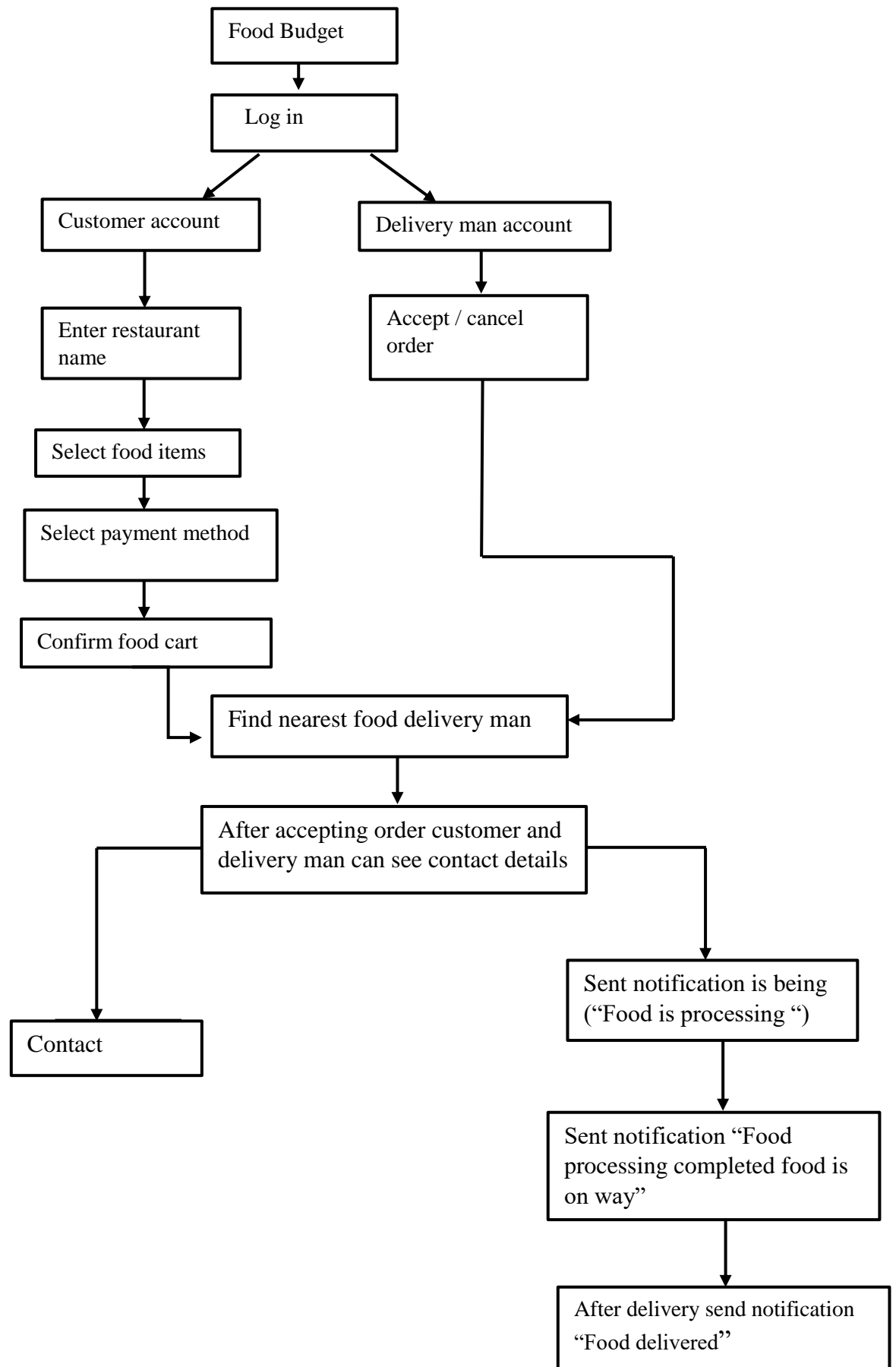
- Website: food24X7bd.com
- Contact: +8801944 247247.
- Location: Dhaka.
- Payment Methods: Cash on Delivery.

8. Foodpeon

Foodpeon.com is a Dhaka city-based online food store which is pretty different in nature. It offers homemade food from actual home people preparing the food!

- Website: foodpeon.com
- Contact: +880 1770 050700.
- Location: Dhaka.
- Payment Methods: Cash On Delivery & bKash.

Through these apps we order our desire food according to our budget.



A3. Proposed Solution (write at least 350 words)

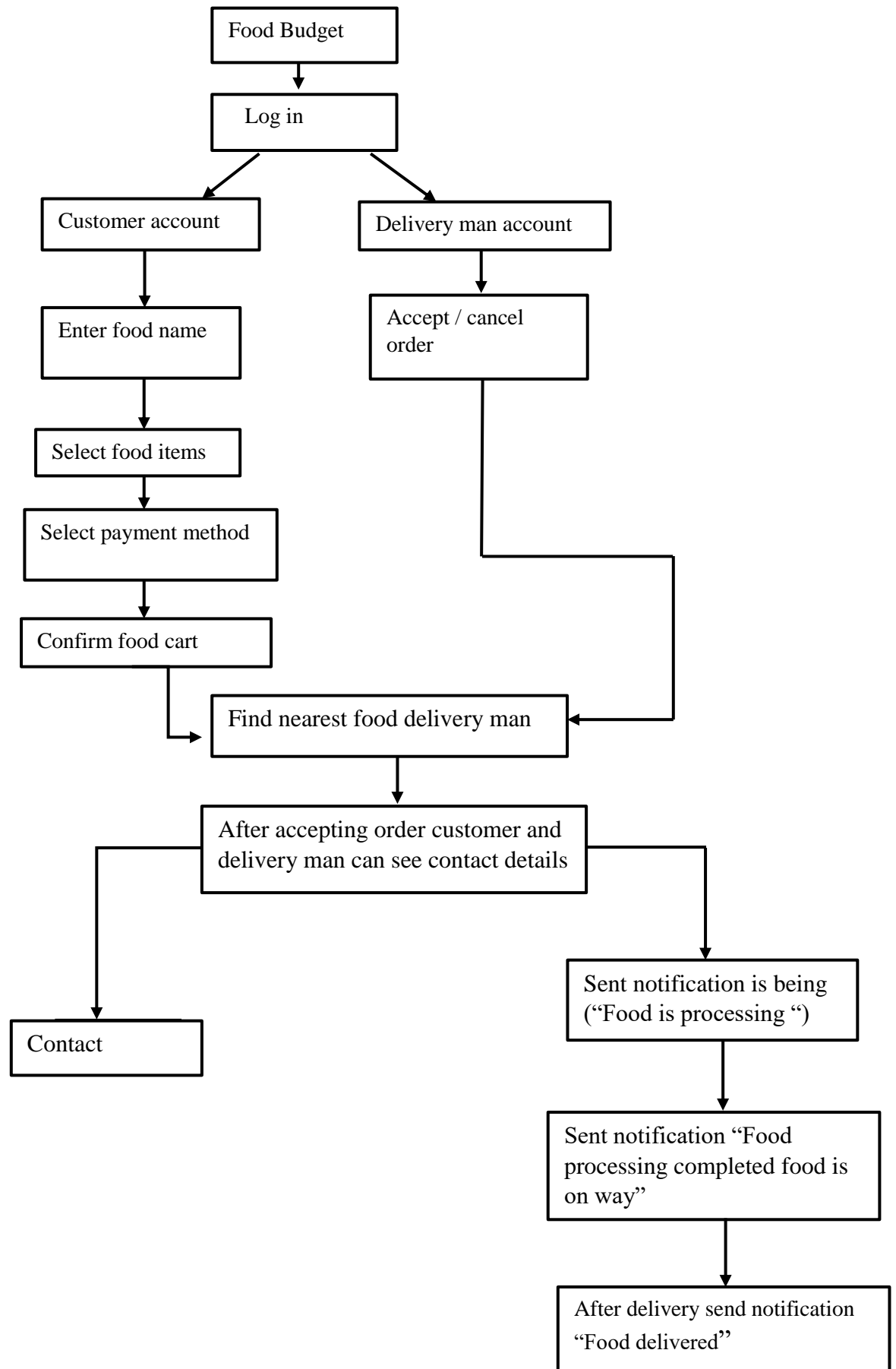
Write what would you like to offer as solution

Ours is a world of ICT. With the pace of time and advancement of technology, we are looking forward to making this globe a better place. The contribution of communication and technology has been making our life easier since the very beginning. We already have what we need within a short period of time by just clicking over phone or computer having login into an application or a software. Besides, we are trying to think of the updates which will make it easier than before in our everyday life.

The problem and the existing solution have been discussed already regarding online food ordering system. And the proposed solution is all about the application to be latest updated and fast functioning with the intention to help customer so that they can order food within budget, time and from nearest restaurants. This, for sure, is going to save a lot amount of time. Since time is undoubtedly very expensive so we are proposing a solution to make it possible in a lesser time period than before. Also, in another way, it saves the stress of a customer if the person can't go outside which can sometimes be very exhausting or impossible.

We propose an online based, user friendly, secured, free home delivery food application in which the system will have 'Enter Your Food Budget' as the main search engine instead of searching for Restaurant Name in regular apps after logging into the system. There will be also optional input for the 'Food Type' and 'Restaurant Name'. According to wish, customer can enter any food type and the application will show if

the type of food item is available within the price range that the customer has entered. Mainly, according to customer's budget, the app will show each food item which is less or equal to budget having mentioned its price, restaurant name and location. The online food ordering system will have access to customer's current location which helps to find food items from the nearest restaurants. Customer can select up to maximum 4 items from the same restaurant and up to 2 items from two different restaurants having one item from each. Customer can again enter food budget to get the required item until the number of food item doesn't exceed than above criteria. When the customer is done with selecting food items, the selected food items will be saved into a food cart. Then the customer will have to select the payment method. After getting confirmation from the customer of the food order, the system will send a request to the nearest food delivery man by using gps location information of both customer and delivery man. If the nearest delivery man don't accept the order, then the second nearest delivery man will get the order and so on. After accepting the order, the delivery man will contact with the customer. When the food is ready to deliver, the customer will receive it from the customer's current location by the delivery man and will pay him.



A4. Project/System Scopes (Write in bullet format)

1. Two types of user; customer & delivery man.
2. Input of budget as the main search engine.
3. Order receiving of more than one item, maximum upto 5.
4. Food order receiving from more than one restaurant, maximum upto 2.
5. The nearest possible delivery man to find for order.
6. Security ensured for users; both customer and delivery man.
7. Google map for location information.
8. Payment option available with bKash & Cash On Delivery.
9. History to keep record of previous ordered items.
10. Application available for both ios and android.
11. Helpline to get complaint or suggestion.
12. Rating option available for both food item & delivery man.

A5. System Features (Write in bullet format)

1. Customer can confirm order from the nearest restaurant having budget mentioned.
2. Customer can see different food items available, its prices, restaurant name and location. The food items will show if it has any discount.
3. App will show an estimated time required to complete the order.
4. The app will have saved inputs regarding restaurant taking the order, food processing, completion of food processing and food being on the way and lastly its delivery. So, the app will provide instant notifications to the customer about the current state of food with the help of delivery man's tap on the notifications.
5. The restaurant will show if it's open or closed and the time when it's available and not for order taking.
6. Customer will be able to check his/her previous ordered items along with necessary information.
7. Delivery man or restaurant can accept or reject the food order.
8. Food order will go to the next nearest delivery man automatically if rejected.
9. Both customer and delivery man can see their profile and phone number.
10. Customer can choose to pay the delivery man through bKash or Cash On Delivery.
11. Customer can give rating to food item and delivery man based on his/her demand, expectation and satisfaction.

