

# Project proposal

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## **Introduction:**

In the modern generation, the web applications are the best way to order and buy any products from online. People want their product quality full and quick delivered, especially when it is a food item. The aim of this project is to develop a web application for order and buy fresh food items from online.

## **What to do in this project:**

Food is one of the essential needs in human life. Especially when it is healthy, full of nutrition, protein and vitamins. The main focus of this project is to develop a web application to provide online quality full food service.

As an example: A boy likes a burger, he wants to make it at home for him and his friends. To do this, simply he will visit the site and select the burger as his food item and automatically he gets offered all raw materials of that particular food item in one package. After his order the package will be delivered to his home at his given address. Payment will be taken after delivery is done.

## **Why to do this project:**

Although there are many options to buy food from online but no one provides package raw materials of that item or the perfect recipe. With this application people can do online order fresh food items from anywhere in the country.

## **Background study and research:**

To continue this project, it is important to research on this type of business and visit some similar sites. After studying and visiting the outcomes are provided below:

Site Name / Business Name	link	Business Type	Business Area	Price	Payment	Delivery	Raw material food package
Food panda	<a href="https://www.foodpanda.com.bd/">https://www.foodpanda.com.bd/</a>	Ready food	Bangladesh	High	On delivery	Home	X
HungryNaki	<a href="http://www.hungrynaki.com/">http://www.hungrynaki.com/</a>	Ready food	Bangladesh	High	On delivery	Home	X
Foodmart	<a href="https://www.foodmart.com.bd/">https://www.foodmart.com.bd/</a>	Ready food	Bangladesh	Mixed	On delivery	Home	X
Direct Fresh	<a href="http://www.directfreshbd.com/">http://www.directfreshbd.com/</a>	Raw item	Bangladesh	Very High	On delivery	Home	X
Meena Bazar	<a href="http://www.meenabazar.com.bd/">http://www.meenabazar.com.bd/</a>	Raw item	Bangladesh	Medium	On delivery	Home	X
Dokani	<a href="https://www.dokani.com.bd/">https://www.dokani.com.bd/</a>	Raw item	Bangladesh	High	Instant	Home	X
Blue Apron, Inc.	<a href="https://www.blueapron.com/">https://www.blueapron.com/</a>	Raw item	USA only	Cheap	Instant	Home	✓

In above chart, we can see that there are many business and site providing food item service but none of them have raw item package for making food at home. We can see some site or business provide us ready food price in high-low mixed price but the

quality is an issue. On the other hand, some site providing online buying opportunity but the price are too high which is not affordable some time. And from above-listed business, some sites are already claimed by people for selling formalin mixed food. After research, it finds out that, several sites are providing very high-quality online food purchasing service under cheap price. But those sites are not available for Bangladesh.

### **Project description:**

In Bangladesh we have some several online food selling services, some of them are also selling food raw materials such as vegetables, meat, rice and many others items. No single site is selling package food materials with the perfect recipe. People don't only want to buy the items from online just because it saves some time, but they also looking for product quality with perfection. So the mission of this project providing high quality food materials with perfect recipe to all of Bangladesh people.

### **Aims and objectives:**

#### **Aims-**

Recipe delivery online service is aiming for an upscale crowd with a spot focusing not just on taste and quality but on sourcing and the food industry as a whole. Why buy produce that's sat on store shelves for days when food service has relationships with farmers and can deliver food right to your door? It's a different approach from competitors in the category, which typically stress the ease of pre-measured ingredients and recipe suggestions for timid chefs.

## **Objectives-**

- To increase efficiency and improve services provided to the customers through better application of technology in daily operations.
- To be able to stand out from competitors in the food service industry
- To enable customers to order meal items and recipe.
- To enable customers to have a visual confirmation that the order was placed correctly.
- To enable customers to know food ingredients before ordering.
- To reduce restaurant's food wastage.
- To ensure correct placement of orders through visual confirmation.
- Eliminate paper work and increase level of accuracy.
- Increase speed of service, sales volume and customer satisfaction.

## **Project scope:**

This project will consist of creating a marketable web application based upon the online food service website. The project will be completed by April 2017. Modules of the project will include a simple online shopping application, a way for selling quality full food raw items to earn money, and a way to motivate customers to continue to buy. Online ordering system will be a web based application whose main language of programming will be PHP. Its main aim is to simplify and improve the efficiency of the ordering process for both customer and restaurant, minimize manual data entry and ensure data accuracy and security during order placement process. Customers will also be able to view product menus and there ingredients and be able to have a visual confirmation that the order was place correctly. (Waliaula, 2017) (Rouse, 2013)

## **Key Steps:**

Below here are the key steps and its short description:

**Starting the project:** In this step the task was looking for ideas and research for a product which is appropriate for this project.

**Project proposal:** In this task the main work is making a project proposal to represent about the projects and get feedback.

**Analysis:** This is one of the most important and strong steps that helps to continue with the project. From start to the end of the project, the analysis will help to do research on business or product, designing, coding, project requirements and many another task to fulfill. After requirement gathering these requirements are analyzed for their validity and the possibility of incorporating the requirements in the system to be development is also studied. (tutorials point, 2017)

**Design:** In this step, the system and the application design are prepared from the requirement specifications which were studied in the first step. System Design helps in specifying the application and system requirements and also helps in defining overall system architecture. The system design specifications serve as input for the next step of the project. (STQB Exam Certification, 2016)

**Development and coding implement:** In this step, the actual development starts and the product are built. The programming code is generated as per date during this stage. If the design is performed in a detailed and organized manner, code generation can be accomplished without much hassle.

During the development, it is necessary to follow the coding guidelines that defined by analysis and programming tools like compilers, interpreters, debuggers etc. are used to generate the code. Different programming languages such as PHP, SQL, JavaScript, HTML, and CSS are used for coding. The programming language is chosen with respect to the type of web application being developed. (tutorials point, 2017)

**Testing:** This is usually a subset of all the steps. After the code is developed it is tested against the requirements to make sure that the product is actually solving the needs addressed and gathered during the requirements phase. During this step, all types of functional testing like unit testing, integration testing, system testing, acceptance testing are done as well as non-functional testing are also done. (tutorials point, 2017)

**Documentation:** This is an important part of a project management. There are usually some main functions in a documentation, such as: what has been done in the project, to make sure that project requirements are fulfill or not, who done it and when it is done. Thus, documentation must lay the foundation for quality, traceability, and history for both the individual document and for the entire project documentation. It is thus extremely important that the documentation is well arranged, easy to read, and adequate. (Eshna, 2012)



## Project technical description:

My project is a web base online shopping project. So, to complete this project I choose some specific web platform language:

Name	Description
Html 5	To hold all web content in web page
CSS	To design the site
PHP	To conversation the site content with database server
JavaScript	To make the site behavior alive
MySQL	To create database

Figure 1: Technical description

## Project milestone:

<u>Task Name</u>	<u>Duration</u>	<u>Start</u>	<u>Finish</u>
<b>Starting the project</b>	<b>6 days</b>	<b>Sat 1/14/17</b>	<b>Fri 1/20/17</b>
Looking for the product			
Research on the similar product			
Find out the positive and negative site of product			
<b>Making a project proposal</b>	<b>4 days</b>	<b>Sat 1/21/17</b>	<b>Wed 1/25/17</b>
Submit project proposal and get feedback			
<b>Analysis</b>	<b>4 days</b>	<b>Thu 1/26/17</b>	<b>Tue 1/31/17</b>
<b>Designing</b>	<b>8 days</b>	<b>Wed 2/1/17</b>	<b>Fri 2/10/17</b>
Code design, Database design			
UI design			
<b>Development</b>	<b>28 days</b>	<b>Sat 2/11/17</b>	<b>Tue 3/21/17</b>
Testing			
<b>Documentation</b>	<b>19 days</b>	<b>Wed 3/22/17</b>	<b>Sat 4/15/17</b>

Figure 2: Project milestone with duration

## The Gantt chart:

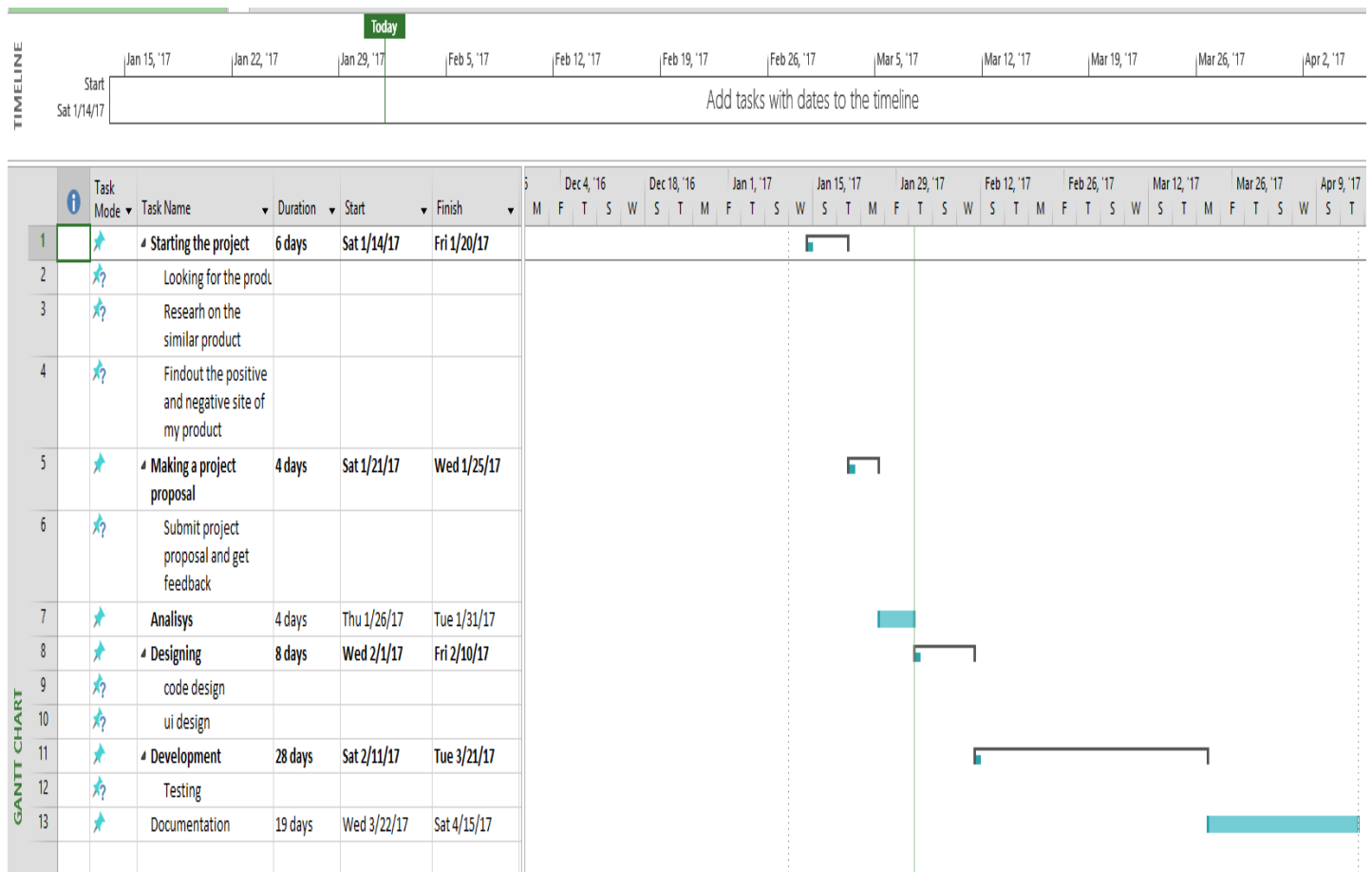


Figure 3: Gantt chart

## Conclusion:

To sum-up it could be says that, online food service is very demandable in our country especially when it provides quality. With this project it is possible to achieve the goal.

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