WEB DESIGNING AND DEVELOPMENT

By Aishwarya Dattatraya Dongare

Introduction:

I developed website for Client based in Brisbane named John Chiu. The business is based on bakery and confectionery products The front end as well as back end has been used to build this website. In this website implementation of HTML, CSS, and Bootstrap has been used as front-end development. In back end SQL, PHP has been used to build this website. The final implementation of image shows outcome from the both front end development as well as back end development implemented successfully. This report going to deals with technology implemented to develop website in the proper channel, designing part to develop website to attract external stakeholders, Features of developed website.

Prior-Designing implementation:

The prior designing is more useful to develop website in a perfect manner. The external stakeholders should instruct the internal stakeholders in terms of how they want the website. Like the interior designing part of website. Moreover, the front-end development requires more planning to develop website. Since we are implementing a cake website the front end should attract customers. The usage of HTML, CSS as well as bootstrap will able to produce the designing part of website. Hence prior-Designing implementation is more valuable for internal as well as external stakeholders.

Web development Cycle:

The web development cycle involves six steps to complete the web development implementation successfully.

- **Planning: The planning phase is more important aspect for designing a project in a perfect shape. Since we are going to develop web designing so we should consider each factor which is going to provide profit as well as loss occur due to this presence of project. The front-end development as well as back end development should be planned from internal as well as external stakeholders.**
- **Analysis: The proper analyze is required from both front end as well as back end web development. There might be lot of cake websites will be available. But we should analyze the past as well as present data who are implemented the cake website. So that we can rectify their mistakes and make external stakeholders more satisfy from designing of our website.**
- **Design: The designing part involves both front end as well as back end web development. In front end we are going to design HTML, CSS, Bootstrap. The bootstrap is more useful to design website faster and much easier for developer. In back end web development, we are implementing Java, PHP, as well as SQL. The usage of SQL is used to speak with server in the specific database layer.**
- **Implementation: Our implementation tells about the total web development project. Which involves front end web development as well as back end web development. Our website is designed according to the involvement of design.**

- **Testing: The testing part can be more flexible to provide better outcome from the designing part. The testing is about the testing of specific functions which is involved to develop web designing. There are two types of testing namely unit testing as well as acceptance testing.**
- **Maintenance: The maintenance is final step for developing a web designing.**

Diagrammatic representation of web development cycle

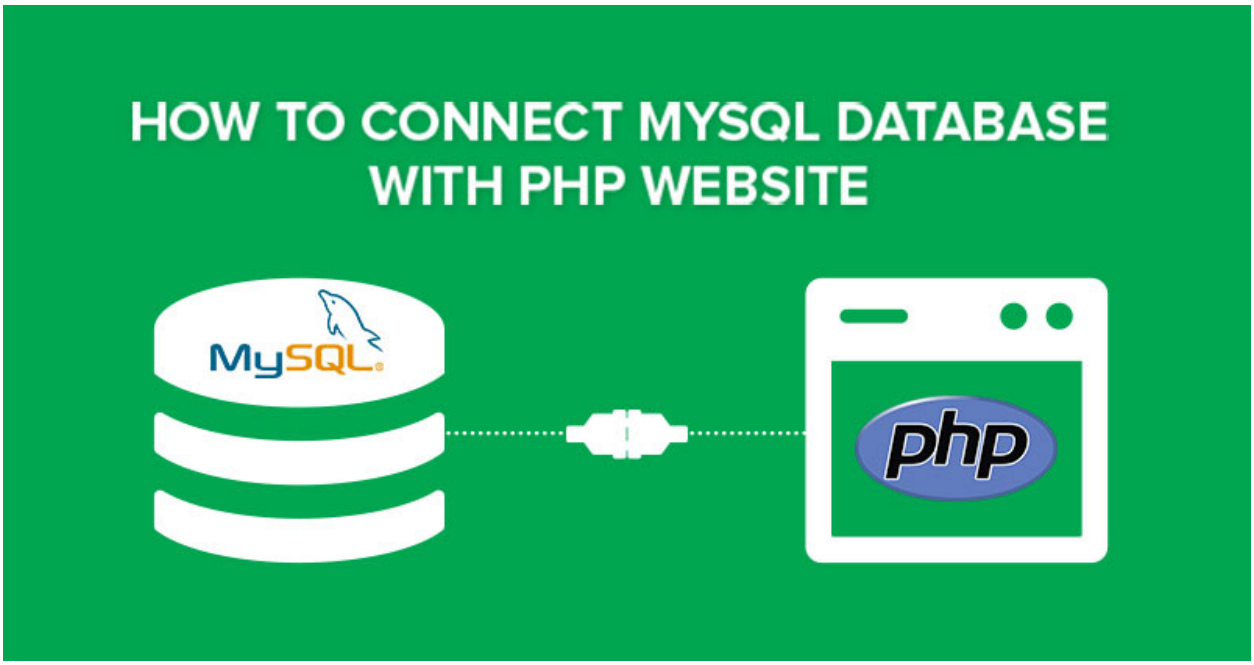
Technology implemented:

The web development requires both front end as well as back end development. IN our website consist of HTML skeleton has been used as well as for designing part we are implemented CSS and bootstrap. At the back-end development there is a presence of PHP, JavaScript as well as SQL.

Usage of implemented technology:

- **HTML skeleton: The HTML is used to describe the structure as well as layout for a web development.**

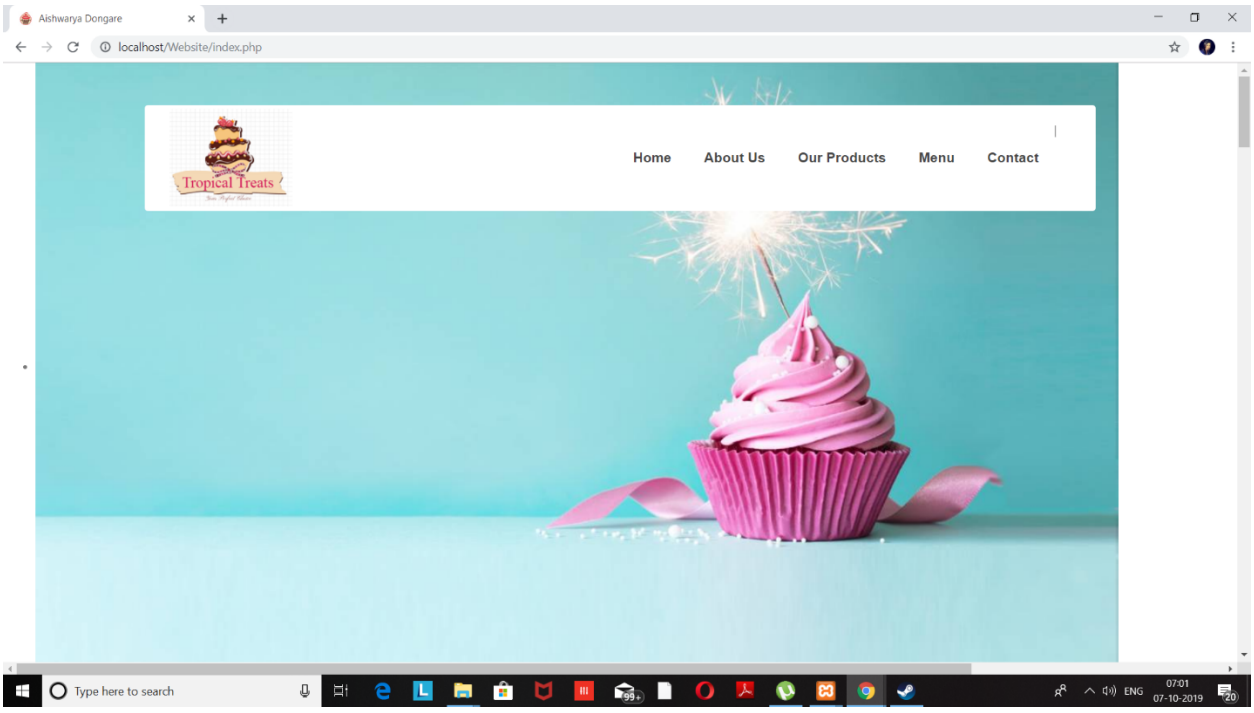
- **CSS: The cascading style sheet is used as a presenting a documentation written in HTML. There are three types of cascading style sheet namely Inline CSS, Internal CSS as well as External CSS.**
- **Bootstrap: The bootstrap is an open source framework consist of CSS as well as java code to execute in a proper manner. The bootstrap can be executed by adding buttons, navigation as well as other interface components.**
  These are the front-end web development. Now we are going to see back end web development.
- **SQL: The SQL is used to speak with server in the database layer. The SQL is used for querying as well as storing information in the database. In our assignment the SQL is implemented as a back-end development. Like our SQL is used in Contact form as well as products which is implemented in the form of Contact. PHP as well as Index. PHP.**
- **PHP: It is a general-purpose programming language which is designed for web development.**

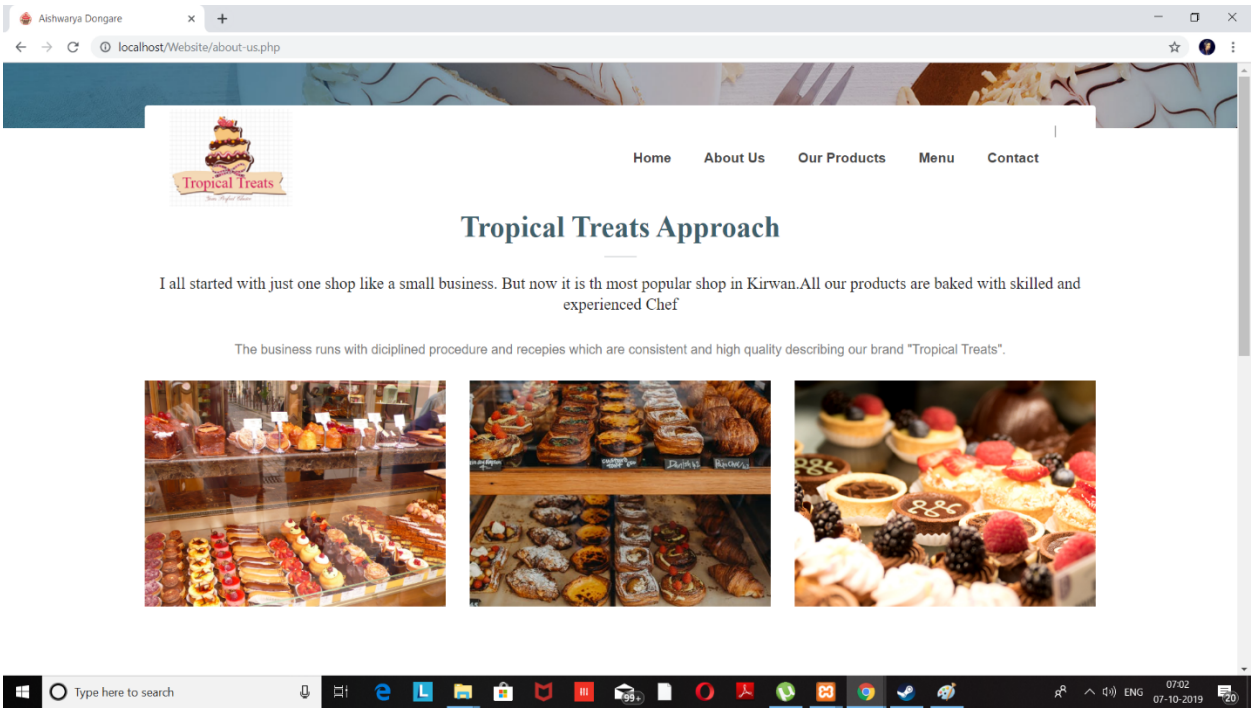


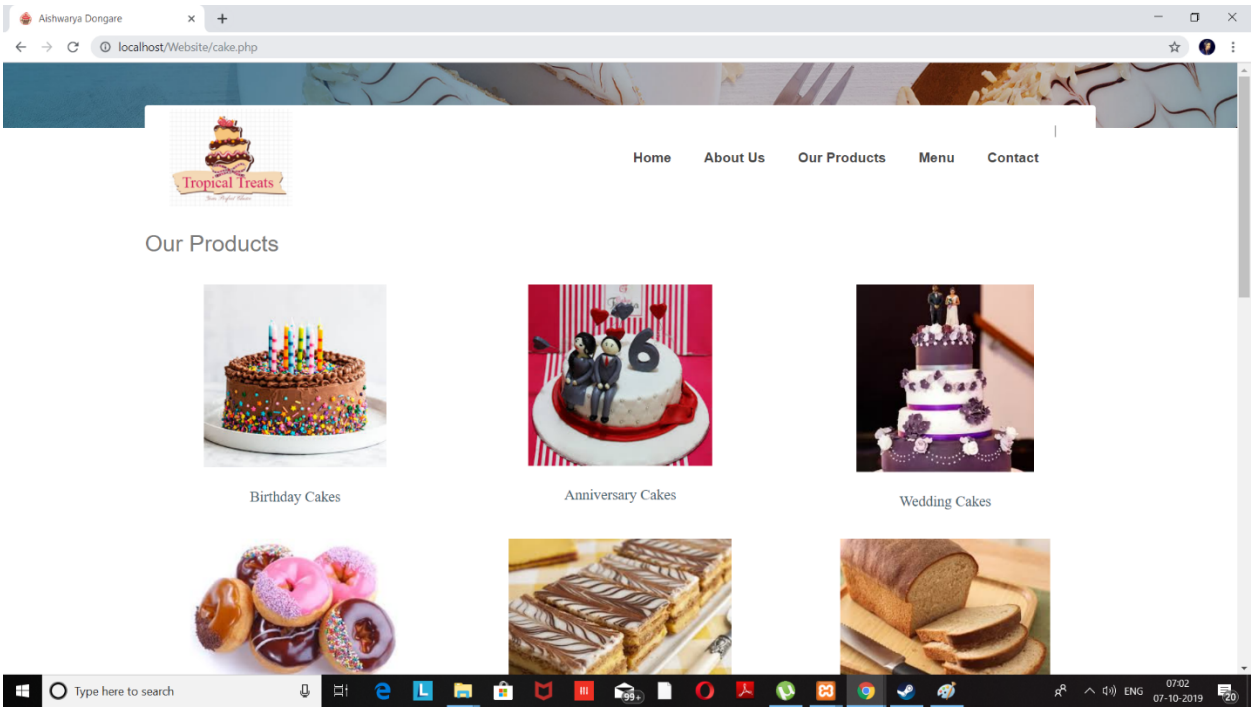
Diagrammatic representation shows relationship with MySQL as well as php

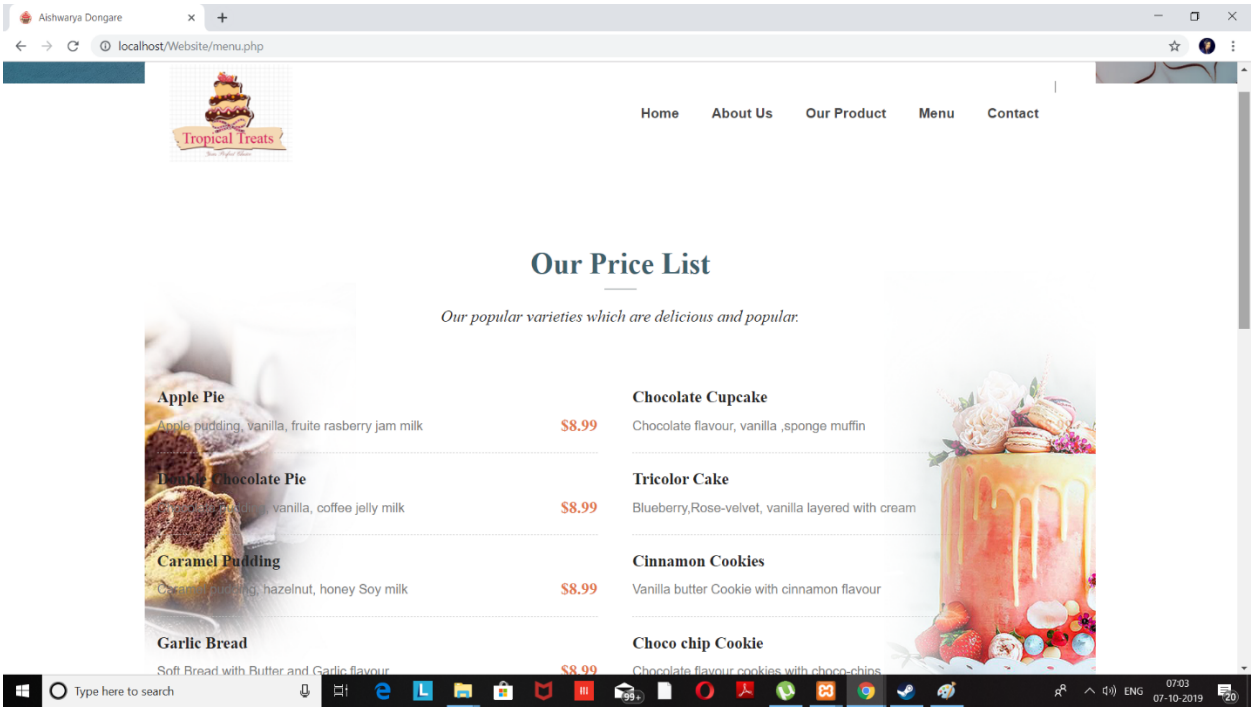
Features of website:

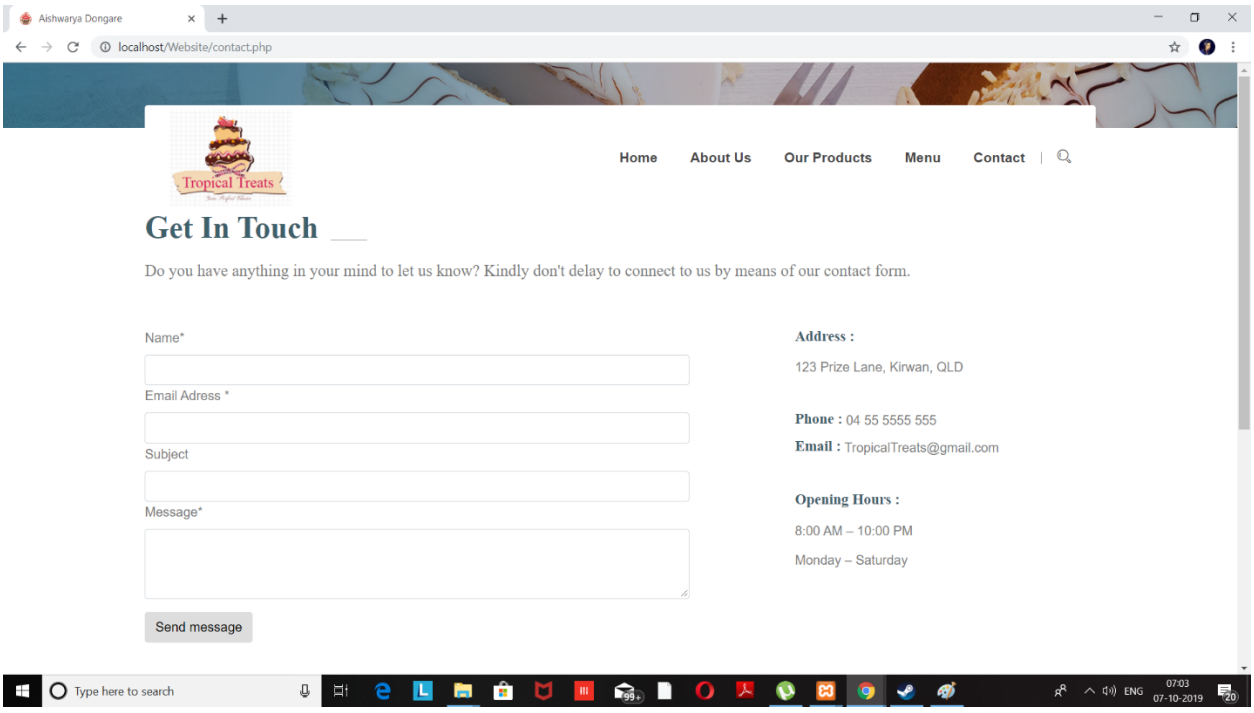
In our website there is a presence of navigation BAR. Which is implemented by using bootstrap. The products page is also presented in our website.


Aishwarya Dongare
localhost/Website/index.php
Tropical Treats
Home
About Us
Our Products
Menu
Contact
Type here to search
ENG
07:01
07-10-2019


Aishwarya Dongare
localhost/Website/about-us.php
Tropical Treats
Home
About Us
Our Products
Menu
Contact
Tropical Treats Approach
I all started with just one shop like a small business. But now it is th most popular shop in Kirwan.All our products are baked with skilled and experienced Chef
The business runs with diciplined procedure and recepies which are consistent and high quality describing our brand "Tropical Treats".
Type here to search
ENG
07:02
07-10-2019


Aishwarya Dongare
localhost/Website/cake.php
Tropical Treats
Home
About Us
Our Products
Menu
Contact
Our Products
Birthday Cakes
Anniversary Cakes
Wedding Cakes
Type here to search
ENG
07:02
07-10-2019


Aishwarya Dongare
localhost/Website/menu.php
Tropical Treats
Home
About Us
Our Product
Menu
Contact
Our Price List
Our popular varieties which are delicious and popular.
Apple Pie
Apple pudding, vanilla, fruite rasberry jam milk
$8.99
Chocolate Cupcake
Chocolate flavour, vanilla ,sponge muffin
vanilla, coffee jelly milk
$8.99
Tricolor Cake
Blueberry,Rose-velvet, vanilla layered with cream
Caramel Pudding
hazelnut, honey Soy milk
$8.99
Cinnamon Cookies
Vanilla butter Cookie with cinnamon flavour
Garlic Bread
Choco chip Cookie
Type here to search
ENG
07:03
07-10-2019



All above images used to represent the output for our website. In which consist of all features like navigation menu, Dropdown menu, image slider, products page, link on home page, as well as navigation map on contact us.