**FUNCTIONAL SPECIFICATION DOCUMENT**

(Website & App design development)

**Prepared By:** Tanya Bansal (Business Analyst)

**Date:** September, 25, 2022

**Document control**

The following list of people shall receive a copy of this document every time a new version of this document becomes available:

**Vendor:** Abxnfotech Team

**Client:** Ally Komp

**Version Control**

The following table particularizes changes made between versions of this document:

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| --- | --- | --- | --- | --- |
| **S.NO** | **DATE** | **VERSION** | **REMARKS** | **AUTHOR** |
| 1. | September 25 , 2022 | V1.0 | First Draft, Initial Requirement specification | Tanya Bansal , BA |

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| **CONTACT DETAILS** | | | |
| **Prepared For** | Mr. Ally Komp | **Prepared By** | Abxnfotech Team |
| **Contact Person** | Mr. Ally Komp | **Contact Person** | Mr. Harsh Kul. |
| **Email** |  | **Email** |  |
| **Skype** |  | **Skype** |  |
| **Phone No** |  | **Phone no** |  |
| **Version** | V1.0 | | |
| **Date** | September, 25 | | |

# Introduction

## Purpose

purpose of this Functional Specification document is to present a detailed description of this project. It will explain the purpose and features of the system, the interfaces of the system, what the system will do and, the constraints under which it must operate. This document is intended for the stakeholders, designers, and developers of the system. This document will be the basis for confirmation of the delivery of the product as per the original requirements discussed and agreed upon by both parties.

## Objective

This document is intended to supply sufficient software requirement information to the Client to establish a solid foundation for subsequent software assessment and approval. It also provides the development team with a basis for Web design, and the Quality Assurance team. Appended to this document is the current version of the product requirements, which shall be considered part of the scope of this Functional Specification document (FSD).

## Reference

* Feature List Document received from the Business Team (Approved by Client)
* Initial meeting with business team
* Communication with the Client
* Feedback from the client

## Project Overview

This document is an official draft for the design and development of Website. on the basis of client we made a restaurant website. Where customer can be download Menu (lunch dinner)(via. Pdf) and also download wine list. Where booked a private dinning or Reservation in advance through call or opentable.com

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# Functional Requirements

## User Interface

**Front End-User-**

* In the front end, the platform will have four types of UI design page like About page, Home page, Reservation page, Private dining page, which can be performed through the web.

### Back End User (Web Portal)

In the back end, the admin will be there who will manage all his module from his panel.

## User Language

* Front-End
  + English
* Backend
  + English

## Total Cost

* 1700 $ (USD)

# Deliverables: Front End Informational website

There will be a fully functional website for the for restaurant.

**HOME PAGE**

This is the home page of the website. The user will be redirected to this page as soon as they enter the URL of the website. The page will have 3 sections which are as follows:

* **Header**- The header will contain the navigational links and other tabs which are as follows:
  + **Logo**: The clickable logo of platform will be here. When the user clicks on it, the user will redirect to the homepage of the website.
  + Static Pages (will be managed by the admin from admin panel)
    - **Home page** redirects to related page.
    - **Menu page** redirects to related page.
    - **About Us** **page** redirects to related page
    - **Reservation page** redirects to related page.
    - **Private dining page** redirects to related page
    - **Contact Us** **page** redirects to related page.
      1. Header- same as home page
      2. Body- There will be a form through which users can contact to admin by filling a form with the below required fields:
         * Your name
         * Email Address
         * Query Box on which user put their query
         * Submit button
    - **Terms and Conditions** page redirects to related page.
    - **Privacy** page redirects to related page.

# Deliverables: Back End Admin Panel

Admin of the website will be provided with a web-based panel to control and manage the whole platform from here. He will be able to manage processes and perform various administration activities which are as follows: The admin panel will have a separate URL than the website homepage. The features of the admin panel are mentioned in detail below.

**LOGIN:** In this section, the admin will come across a login page where he will have to type his log-in credentials, provided by us initially, which can be changed later by the admin for security purposes. The admin will get two tabs, namely

* + - **Email**: Here the admin will have to type in his authentic email id.
    - **Password**: Here the admin will have to type in the password provided by us.

Note: In case the admin types in wrong credentials then he won’t be directed to the next page and an error message saying “incorrect email id/password” will be shown.

* + - **Forgot password**: If the admin clicks on this tab then he will be able to reset the password of his account if he forgets it. In order to do so, an email will be sent to the registered email and once the admin clicks on the link received on the email, he will be redirected to the reset password page. The admin will be able to change the password by providing a new password & confirm the password.
* **DASHBOARD-** The dashboard will be the first page visible to Admin as soon as they log in successfully. Dashboard will consist:

**CMS Pages**

Static pages of website will be manageable from this area of back-end.

* About Us
* Contact Us
* Menu page
* Reservation page
* Private dining page
* Terms and Conditions
* Privacy

# System Characteristics

* Scalable to future enhancements
* Hosting – Cloud Recommended. To be provided/rented by admin.
* Content (text / videos / images/Logo) to be provided by client.
* AbxnTeam We will be responsible for creating the complete web solution from scratch.

**NOTE**: Any feature which is not mentioned in this document, no matter discussed, will still be considered as a new work. Kindly make sure it covers all the features from all user perspectives.

# General Term:

* The 20% milestone payments can be revised by Project Manager after FSD is approved. The revision would only impact on the Milestone deliverables, milestone duration and the Payment percentage. The agreed scope and cost and time frame would remain the same. The last payment will be made only after going live. After approved FSD the timefare will be 4- 5 weeks.
* The source code will be delivered to the client before the client makes the final payment to the company. In case, Abxnfotech delivers (or, is required to deliver) partial source code before the project is completed, client will pay for efforts invested by the company till the date of such source code release.
* All the deliverables will be a joint responsibility of both Client and company; hence it is expected from client to provide feedback within five (5) working days of receiving the final deliverables and final approval within ten (10) working days of receiving the final deliverables.
* Company would deliver the milestones as per agreed project plan and the client would review the delivered milestone. Client would need to provide the feedback on the delivered milestone to company within 10 days and once the feedbacks are implemented by company and client confirms the same, the agreed payment of this milestone would need to release before team moves to next milestone development.
* The final payment would need to be released before the code and database are moved to the client-server and/or Apps are uploaded on Google or Apple store. Releasing code to the client or client environment would mean that client has accepted the delivery and confirms the completion of the project as per agreed scope and terms and cannot claim for the refund of the project payment that he has made.
* Abxnfotech Team will use the In-house Project Management tool ( DSR ) for the project management.

**Note**: If you have any project management tools kindly invite us or share the details with us.

* The Abxnfotech team has to use a repository such as GitLab to maintain the code.

# Project Process

We’ll follow the following process for the completion of the project

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Stage of Progress** | **Remarks** |
| 1. | Sign Off for FSD | We would freeze all of your requirements through this document so that the development team may plan the code & logic likewise for speedy completion. Any requirement beyond the FSD after sign-off will be considered as a change request and would be charged exclusively. |
| 2. | Project Plan Declaration | As already mentioned, the time promised to you is the total time involved in the development of your project. We’ll devise a plan sheet approach to complete your project. The project plan includes the entire task list through which a developer will develop the project. We’ll give you the start & completion date for every sprint available under your project. |
| 3. | Project Moved to Development Team | After your approval on the Project Plan, we’ll proceed to the development phase. |
| 4. | Milestone Wise Delivery Plan | This phase emphasizes on implementation of the Milestone Plan as declared and approved by you. System functional requirements will be confirmed with you in parallel with the Plan. The milestones will be delivered after Smoke testing to confirm the functional requirements. |
| 5. | QA Process | After the completion & confirmation on the functionality part of your project, the project will be actively pushed on for Quality Analysis (QA) process.  Client will be allowed to test the website/application by him/her before it is fully signed off and released. |

**Note:-**

1. When we share the Milestone update. We are requested you to provide your feedback within 10 days. In case of not getting any feedback from the client end in 10 days, the project will be put on hold. For again starting the project commencement fee will be applied by the Company and that will be 10% of that complete project.
2. When a company shares the invoice for completed milestones then the client has to approve it within 10 days. In case of not getting approval from the client end in 10 days, the project will be put on hold. For again starting the project commencement fee will be applied by the Company and that will be 10% of that complete project.
3. All images related to this project will be provided by the client.
4. The designing team will only work on each screen/page maximum of up to 3 times.
5. This Project will be in English only.

# Technology

The application will be built by using the following technologies and platforms:

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| **Development Phases** | | **Tools & Technology** |
| **Requirement Analysis, Proposal Drafting, FSD writing** | | MS Office Word 2010 |
| **Design** | | Photoshop/Sketch |
|  | **Admin Panel** | Laravel |
| **Database** | MySQL/Mongo DB |
| **Quality Assurance &Testing** | | Test Cases – MS Office Word 2010  Test Plans – MS Office Word 2010  Testing – Manual  Bug Tracking and Reporting/ PM Tool –DSR |

# FSD Sign OFF

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| Wehavingreadthecontentsofthisdocumentaresatisfiedthatthisaccuratelydefinesthe project requirements and process. | | | | |
| **Abxnfotch Confirmation** | | **Client Confirmation** | | |
| **Name** | Shakti Kulshrestha | **Name** | |  |
| **Designation** | CEO | **Designation** | |  |
| **Address** | Villa num.A72 Argpuram kanota , Jaipur, Rajasthan (INDIA) | **Address** | |  |
| **Phone** | +91 8949545328 | **Phone** | |  |
| **Date** | Sept25nd, 2022 | | **Date** |  |