**Gamers Valley**

**Business Requirement Specification**

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# 1. Introduction

* 1. Document Purpose

This document communicates the business requirements and scope for developing E-PC building for gaming systems. The scope of this document is to define the functional and non-functional requirements, business rules and other constraints requirements.

* 1. Project Background

Now-a-days in India gaming industry /esports community is growing wildly. New aspirant gamers are taking gaming as their full-time career. Lots of people still don’t know much about this industry but have interest in gaming and want to enter this industry as a professional gamer or a streamer/entertainer. But they don’t know about which kind of devices they are going to need , which kind of setup is suitable for their starting phase in this journey, and how much financial assurity they will need.

So what people do is, they go the market to buy some gaming PC which is pre-built and has some really high-price, but the problem here is the PC is pre-built, and they cannot modify it according to their interest. So there is no option left for customer to choose the PC parts according to their interest or they don't know much about the PC and in the market as we know, in one shop we cannot get all the things related to our setup.

* 1. Goals of the project

The main objective of this project is to create a web application which will help the aspirant gamers to choose the PC parts according to their interest, according to their profession and to provide a service where customer can find all the necessary devices related to his setup at one place. And to help newly growing gamers to get some information about new devices in the market which will help them out. Providing experts advise to build a perfect PC setup for them is going to be the exceptional part of this application as it going to provide lots of information for growing streamers or gamers. It is user friendly, easy to handle, and requires no maintenance from the user side.

* 1. Customers and Stakeholders

**Customers**

* + Professional Gamers who wants to purchase Products
  + Distributor who wants to sell their Products
  + Customers who wants to upgrade their Gaming Setup

**Stakeholders**

* + E-Sports Community.
  + Youth in Gaming
  + Gaming Organization

# 2. Business Requirements Overview

* e-Shopping System is a public web application.
* e-Shopping System will be opened to the global, but in phase 1, the main target is in India.
* There are mainly two types of users. One is the Distributors and the other is Customers.
* Customers can search for the products he requires to build his gaming PC setup.
* Distributors can see the order placed by Customers and even the information about the Customers like the address for delivery.
* e-Shopping System provides the functions which help the professional gamers to build their PC according to their choice.
* e-Shopping System could be maintained by the Administrator.

# 3. Functional Requirements Overview

e-Shopping System consists of four modules described below.

1. Customer Module
2. Subscribed Customer Module
3. Distributor Module
4. Admin Module
5. Professional PC Builder(Experts) Module

3.1 Customer Module

* Customer can register and create his own account.
* e-Shopping System provides the function which allows Customer to view different products.
* He is able to browse through different sections and categories.
* The Customer could add the products he wants to buy.
* The Customer could customize his PC setup according to his choice by selecting different brand’s components.
* Customers could give suggestions and feedback .
* The registered customer can also get advice from experts(Professionals PC Builders).

3.2 Subscribed Customer Module

* Subscribed customer can send the requirement of his setup to the experts through this function .
* Subscribed customer can also see the pre-built PC by experts and according to his requirement he can buy any pre-built PC’s.

3.3 Distributor Module

* Distributor can register and create his own account.
* e-Shopping System provides the function which allows the Distributor user to find out the product's information.
* And could deliver the products which Customer orders.
* Providing Setup as well as Repair facilities .

3.4 Admin Module

* e-Shopping System should provide all functions to admin how to handle the System.
* What the customers and distributors are using this system and they are authorized.
* Could be able to know all the Transactions.
* He will be able to see the sales for particular period of time.
* He will be able to approve the subscription requests from registered customer and request for authorization from customers to become expert.

3.5 Professional PC Builder(Experts) Module

* They have to make request for registration.
* e-Shopping System should provide a specific section to these professionals where they can build their PC setups and display it to the world as a blog.
* .There is going to be one section for them where they can help customers to build their setups(give advices).
* They can also purchase the products.

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence, we will target the system to support between 5 and 10 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.