**Musical Instruments Shopping App**

**Business Requirement Specification**

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1. Introduction

1.1 Document Purpose

This document communicates the business requirements and scope for developing Online Musical Instrument Shopping App. The scope of this document is to define the functional and nonfunctional requirements, business rules and other constraints requirements.

1.2 Project Background

The musical instruments shopping app project aims to create a mobile application that provides a user-friendly platform for customers to purchase a wide variety of musical instruments and accessories online. The app will feature a comprehensive inventory, personalized recommendations, and social features. It represents an opportunity to drive innovation in the music industry, attract a broad customer base, and generate substantial revenue for the business. Our team is dedicated to developing a high-quality app that meets the needs of customers, helps to grow the business, and transforms the way people shop for musical instruments online.

1.3 Goals of the project

The app will have a simple, intuitive interface that is easy for users to navigate and find the instruments they are looking for.

The app will offer a wide variety of musical instruments, including both popular and niche instruments.

The app will allow users to search for specific instruments or filter by attributes such as price, brand, or type of instrument.

The app will include user reviews and ratings to help users make informed purchasing decisions.

The app will offer secure payment options and ensure that user data is protected.

The app will allow users to track the status of their orders and receive notifications about delivery times.

The app will provide responsive customer support to address any issues or questions users may have.

The app will offer personalized recommendations based on a user's browsing history and preferences.

The app will include social features that allow users to connect with other musicians, share their own music, and get feedback from the community.

The app will have a marketing strategy to attract new users and promote its brand, including social media marketing, email campaigns, and targeted ads*.*

1.4 Objectives

* To design developed a user friendly and practical web based system.
* To test and evaluate the functionality of the developed system.

1.5 Customers and Stakeholders:

Customers:

* Shop Owners who want to sell their Products
* music enthusiasts who want to buy the Product
* Administrator will whole manage the whole system.

Stakeholders:

* Music Community.
* Music Associations
* Musical Instruments Manufacturing Industry
* Musical Instruments-Business Industry

**2. Business Requirements Overview**

* The app will have a simple and intuitive design that makes it easy for customers to navigate and find the products they are looking for.
* The app will offer a broad selection of musical instruments and accessories, catering to musicians of all skill levels and genres.
* The app must offer personalized product recommendations based on customers' browsing history and interests, increasing the chances of purchase and customer satisfaction.
* The app will offer secure payment options, protecting customers' financial information and providing a safe shopping experience.
* The app will provide fast and reliable shipping, ensuring that customers receive their orders on time and in good condition.
* The app will offer social features that allow customers to connect with other musicians, share their music, and get feedback from the community.

**3. Functional Requirements Overview**

Musical Instrument Shopping App consists of three modules described as below.

1. **Users Module**
2. **Seller Module**
3. **Admin Module**

**3.1** **Users Module**

* User can Register and create his own account.
* User can Search the product
* User can buy the product
* User can Make Payment
* User can Give Rating and review product

**3.2 Seller Module**

* Seller can Register
* Seller can Upload Product
* Seller can Update the product
* Seller can remove Product from platform
* Seller can delete his own account

**3.3 Admin Module**

* Admin can login
* Admin can Remove Seller
* Admin can give Authenticate the seller
* Admin can remove the product

**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.