

# BizHorizon

## High Level Requirements Document

Version 1.3  
9/24/24

### Project Identification

Project:	BizHorizon
Prepared By:	Nigar Ahmadova Adler Pazhouhan Fatima Arab Anar Samadzade Elizabeth Thomas
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### Contributors

The following individuals contributed to this document.

Name	Title
Nigar Ahmadova	
Adler Pazhouhan	
Fatima Arab	
Anar Samadzade	
Elizabeth Thomas	

### Distribution

This document is distributed to all the following people.

Name	Title
Nigar Ahmadova	<ul style="list-style-type: none"><li>Coordinates the project and manage communications.</li><li>Responsible for integrating secure payment systems within the application.</li></ul>
Adler Pazhouhan	<ul style="list-style-type: none"><li>Manages back-end development tasks, including server setup, database management, and ensures that the back-end systems function smoothly.</li></ul>
Fatima Arab	<ul style="list-style-type: none"><li>Develops the admin dashboard for managing customer appointments, orders, and business analytics.</li></ul>

Name	Title
	<ul style="list-style-type: none"><li>Also responsible for creating and maintaining project documentation.</li></ul>
Anar Samadzade	<ul style="list-style-type: none"><li>Designs and develops the user interface (UI), including registration, product catalog, and booking systems.</li></ul>
Elizabeth Thomas	<ul style="list-style-type: none"><li>Assists with payment system integration.</li><li>Supports documentation efforts, including system architecture and user manuals.</li></ul>

## Referenced Documents

*This document refers to the following materials*

Version number	Title	Author	Date	Source / Location

## Revision History

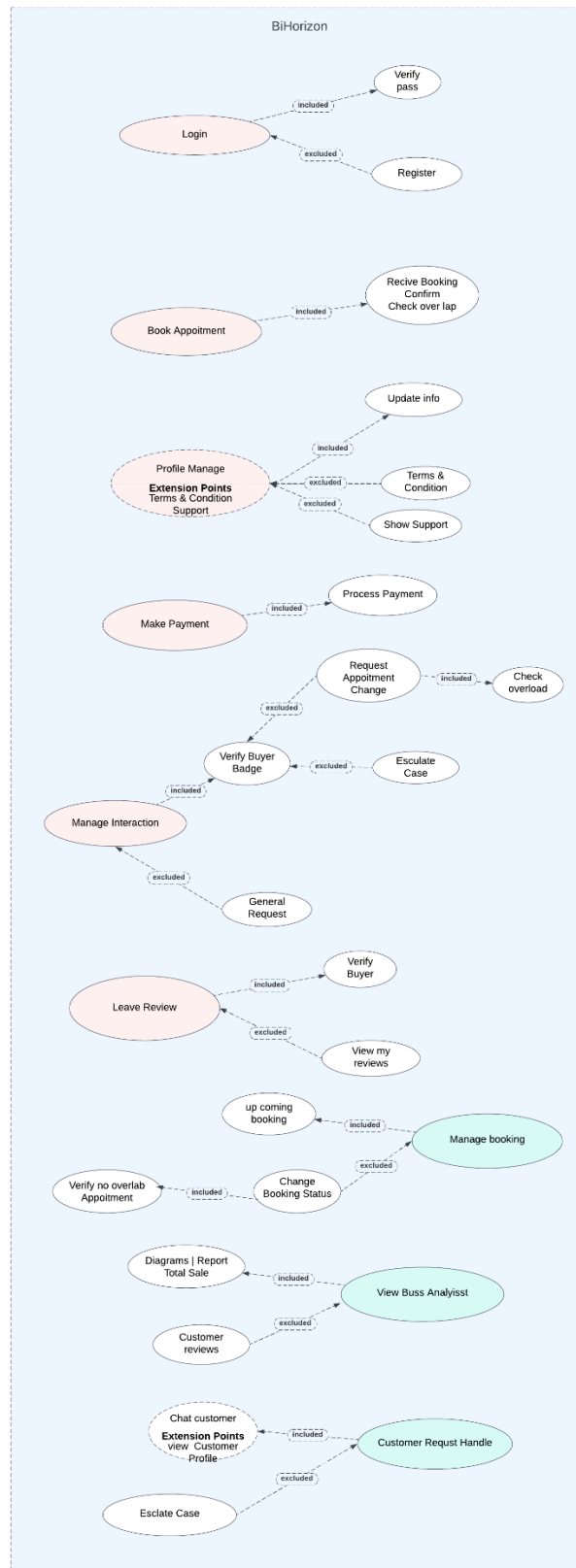
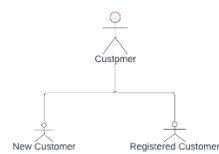
Version Number	Revision Date	Summary of Changes	Modified by

*[Note: It is recommended that drafts be numbered 0.1 to 0.9, and that the first approved version be numbered 1.0. Thereafter, new version numbers will depend upon changes: 1.01, 1.1, etc for minor updates, 2.0, 3.0 etc for major changes.]*

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## 1. Business Context Diagram



## HIGH LEVEL REQUIREMENTS <BizHorizon>

Requirement Scope Area	Description
Integration with other business management platforms	This application will not allow integration with other business management platforms to avoid data integrity issues and potential security risks.
Integration with payment gateways	This application will allow integration with major, secure payment gateways/systems.
Social Media integration for marketing purposes	This application will allow integration with social media platforms (e.g. Facebook, and Instagram) to enable businesses to share promotions, updates, and customer reviews.
Third-party analytics tool integration	This application will focus on internal analytics for businesses and will not allow integration with other external analytics tools due to privacy and security concerns.
User data export and import	This application will allow data export (e.g. customer lists and booking histories) but will not support data import from other business management platforms to avoid compatibility issues.

External Entity	Description
Customers	End users who utilize products/services of the small business by interacting with this application.
Business owners	Small business owners or administrators who interact with the admin dashboard and handle backend operations (e.g. updating inventory, viewing customer data, etc.) to manage their businesses.
Payment providers	Secure external payment gateways to ensure secure payment processing.
Regulatory authorities	Any local or international laws, rules, or regulations that small businesses are obligated to follow.
Social Media platforms	Platforms like Facebook, Instagram, and Twitter that the business can connect to for marketing, sharing promotions, or gathering customer feedback.
Platform creators	The team of developers who are responsible for building, maintaining, and keeping the application up to date.
Employers	Staff members who work for businesses and have access to specific areas of the application to perform tasks such as overseeing appointments, processing orders, or assisting with customer service.
External software	External software or tools integrated with the application, such as accounting software, CRM (Customer Relationship Management) systems, or booking systems.
API Providers	External programs or services that this application may interact with via APIs to exchange data (e.g. for inventory updates, social media integration, or payment processing).

Information Flows	Description
Client (user) and Server	Communication between the client (user) and the server is a two-way process. When the client performs an action, such as booking an appointment or placing an order, a request is sent to the server. After processing and validating the request, the server returns a response to the client. The response may be a confirmation or an error message.

Information Flows	Description
Server and External Software	The server and external software communicate with each other to keep the application relevant and updated. For example, the server sends data such as product availability or customer information to these external systems to ensure that the latest information is available. External software may also send updated information back to the server. The server processes this information and updates the relevant sections of the application, such as product listings or order availability.
Server and API Providers	When the application requires external services, the server sends the necessary information to the API provider. After processing, the API provider responds with a confirmation or error, which the server relays to the client.

## 2. Requirements Scope Statements

HLR#	Description	Priority (H, M, L)
HLR01	This application will allow integration with major, secure payment gateways/systems.	H
HLR02	This application will allow integration with social media platforms (e.g. Facebook and Instagram) to enable businesses to share promotions, updates, and customer reviews.	M
HLR03	This application will allow data export (e.g. customer lists and booking histories) but will not support data import from other business management platforms to avoid compatibility issues.	L

## 3. High Level Business Requirements Sign-Off

The undersigned acknowledge their agreement with the contents of Version <x.x> of the High-Level Requirements document for <Project Name>.

Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.

Name	Project Role and Functional Area	Date Signed
Nigar Ahmadova	Project Coordination and Payment Integration	9/25/24
Adler Pazhouhan	Back-End Development	9/25/24
Fatima Arab	Admin Dashboard and Project Documentation	9/25/24
Anar Samadzade	Front-End Development	9/25/24
Elizabeth Thomas	Payment Integration and Project Documentation	9/25/24

\* Note: physical signatures are not required. Email approvals are acceptable and should be appended to project documents.