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Golf Ecommerce Website

SYSTEM REQUIREMENT SPECIFICATION

Revision History

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| --- | --- | --- | --- | --- | --- |
| Date | Version | Author | Description | Reviewer | Date Review |
| October 3, 2024 | 1.0 | Phan Le Tuan | Create and fill content | Phan Le Tuan | October 3, 2024 |
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# **INTRODUCTION**

## **Purpose**

* The Concept of Operations (ConOps) document provides a comprehensive understanding of how the software will function and meet the needs of its users. It outlines the objectives, system capabilities, user roles, operational processes, constraints, and decision-making considerations.
* Document serving as a foundation for system design and facilitating effective communication and collaboration among stakeholders. It ensures that the Golf E-commerce system is developed and deployed successfully, meeting the expectations and requirements of its users and operational environment.

## **References**

null

## **1.3 Audience**

|  |  |  |
| --- | --- | --- |
| **Intended Audience** | **Name** | **Reading Suggestion** |
| Developer & PM | Phan Lê Tuấn | All Sections |

# **2. CURRENT SYSTEM AND DIFFICULTIES**

## **2.1 Goal, audience and scope**

* **Goal**: Provide a convenient and user-friendly platform have all golf products with some special offers to purchase and refer to
* **Audience**: user who need a place to buy golf stuff, system administrators.
* **Scope**: Consist of shopping cart, purchase with card simulation, blog page for product news, contact page for contacting with administrator and user, a list of product have some special offers, filter product with category.

## **2.2 Policy and constraint**

* Policy: Cancellation Policy, Payment Policies, Regulatory Compliance
* Constraint:
* The hotel staff should accurately provide different room types (e.g., standard, deluxe, suite)
* Security and reliability are paramount when handling payment transactions.
* The system needs to handle pricing calculations based on factors like room type, seasonality, length of stay, and any discounts or promotions.
* Customer response times need to be quick

## **2.3 Description of current system**

## **2.4 Current user and stakeholder**

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| User | * The user's responsibility is to search and select suitable hotel room options according to their needs. * They need to provide accurate personal information when booking and making payments. * Users also have the responsibility to read and understand the hotel's terms and conditions, including booking cancellation policies. |
| Administrator |  |

## **2.5 Environment supports the current working**

Totally done manually

# **3. THE DESIRE CHANGES**

## **3.1 These changes are expected**

## **3.2 Detailed description of the changes**

# **4. PROPOSED SYSTEM**

## **4.1 Goal and audience**

## **4.2 Policy and constraints**

* Policy: The system must adhere to strict policies regarding user data privacy, secure payment processing, and regulatory compliance. Cancellation and refund policies must be transparent and easily accessible to users.
* Constraints: The system should ensure high reliability and security, particularly during payment transactions. It must handle complex pricing algorithms based on room type and should provide real-time availability updates. The system also needs to maintain quick response times and be scalable to handle peak loads.

## **4.3 Description of proposed system**

## **4.4 Business Model Canvas**

## **4.5 User and stakeholder in the future**

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| User | Search and purchase product, manage personal information, view purchase history and make secure payments. |
| Admin | Oversee the entire system, approve hotel listings, manage user accounts, monitor system performance, and ensure compliance with policies. |

## **4.6 Suggest a supportive environment.**

## **4.7 Quality attributes**

|  |  |  |
| --- | --- | --- |
| **No.** | **Quality attributes** | **Description** |
| 1 | Security | Ensures protection against data breaches and fraud, particularly during payment transactions. |
| 2 | Usability | Provides an intuitive and user-friendly interface to enhance the booking experience for all users. |
| 3 | Performance | Maintains quick response times and handles large volumes of transactions efficiently. |
| 4 | Maintainability | Facilitates easy updates and maintenance to ensure the system remains up-to-date and functional. |
| 5 | Flexibility | Offers flexibility to accommodate different types of bookings and customer preferences. |

# **5. SUMMARIZES THE IMPACT**