Digital Hub

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# Project Proposal

## 

## Goals and Objectives

## This project's purpose is to develop an online shopping app. that will sell electronics. There are two categories of users in this application: admin and normal user. The app's admin can add, alter, and delete any electronic objects, while regular users can purchase them.

## Project Scope

 Digital hub is an online retail application. This project's goal is to sell electronic goods. Also, to draw attention to the things that are accessible. New users can create an account on the app and purchase electronic things.

**Project Specifications**

• Admin can add, edit, and update digital products

## • User can log in and register securely

## • Admin can amend and delete accounts

## Target Audience

## The average user and everyone interested in purchasing electronic items is between the ages of 10 to 100.

## Resource Requirements

Following technologies and development method:

* Asp.net MVC Framework
* Identity framework- ASP
* Windows Operating System
* 64-bit Processor and 4 GB RAM

## 

## Analysis

### **Requirements Analysis**

The requirement analysis covers the functional and non-functional aspects of the system.

**Functional**

|  |  |
| --- | --- |
| **Users** | **Functional Requirements** |
|  |  |
| **Admin** | * Login/logout * Manage their existing products and customer * Add, delete, edit products * Edit and delete customers * Add/register new admins. |
| **Normal User** | * Login/logout * Register as new user * Can buy products. |

#### **Non-Functional**

|  |  |
| --- | --- |
| **Operational** | * The system should able to run on all web browsers. * The system should be accessible via mobiles |
| **Security** | * Only Administrators have full access to the system * Normal user can have access to their accounts. |

**Screenshots**

**Graphical user interface, calendar

Description automatically generated with medium confidence**

**Graphical user interface, website

Description automatically generated**

**Graphical user interface

Description automatically generated**

**Graphical user interface, text

Description automatically generated**

**Graphical user interface

Description automatically generated**

**Graphical user interface

Description automatically generated**

Project Testing

System Usability Testing

**Tester 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tester – 1** | | **Answer Scale** | | | | |
| **No.** | **Question** | **Strongly Disagree (1)** | **Disagree (2)** | **Normal (3)** | **Agree (4)** | **Strongly Agree (5)** |
| 1 | I think that I would like to use this system frequently |  |  |  |  |  |
| 2 | I found the system unnecessarily complex |  |  |  |  |  |
| 3 | I thought the system was easy to use |  |  |  |  |  |
| 4 | I think that I would need the support of a technical person to be able to use this system |  |  |  |  |  |
| 5 | I found the various functions in this system were well integrated |  |  |  |  |  |
| 6 | I thought there was too much inconsistency in this system |  |  |  |  |  |
| 7 | I would imagine that most people would learn to use this system very quickly |  |  |  |  |  |
| 8 | I found the system very cumbersome to use |  |  |  |  |  |
| 9 | I felt very confident using the system |  |  |  |  |  |
| 10 | I needed to learn a lot of things before I could get going with this system |  |  |  |  |  |

**Tester 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tester –2** | | **Answer Scale** | | | | |
| **No.** | **Question** | **Strongly Disagree (1)** | **Disagree (2)** | **Normal (3)** | **Agree (4)** | **Strongly Agree (5)** |
| 1 | I think that I would like to use this system frequently |  |  |  |  |  |
| 2 | I found the system unnecessarily complex |  |  |  |  |  |
| 3 | I thought the system was easy to use |  |  |  |  |  |
| 4 | I think that I would need the support of a technical person to be able to use this system |  |  |  |  |  |
| 5 | I found the various functions in this system were well integrated |  |  |  |  |  |
| 6 | I thought there was too much inconsistency in this system |  |  |  |  |  |
| 7 | I would imagine that most people would learn to use this system very quickly |  |  |  |  |  |
| 8 | I found the system very cumbersome to use |  |  |  |  |  |
| 9 | I felt very confident using the system |  |  |  |  |  |
| 10 | I needed to learn a lot of things before I could get going with this system |  |  |  |  |  |

**Tester 3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tester – 3** | | **Answer Scale** | | | | |
| **No.** | **Question** | **Strongly Disagree (1)** | **Disagree (2)** | **Normal (3)** | **Agree (4)** | **Strongly Agree (5)** |
| 1 | I think that I would like to use this system frequently |  |  |  |  |  |
| 2 | I found the system unnecessarily complex |  |  |  |  |  |
| 3 | I thought the system was easy to use |  |  |  |  |  |
| 4 | I think that I would need the support of a technical person to be able to use this system |  |  |  |  |  |
| 5 | I found the various functions in this system were well integrated |  |  |  |  |  |
| 6 | I thought there was too much inconsistency in this system |  |  |  |  |  |
| 7 | I would imagine that most people would learn to use this system very quickly |  |  |  |  |  |
| 8 | I found the system very cumbersome to use |  |  |  |  |  |
| 9 | I felt very confident using the system |  |  |  |  |  |
| 10 | I needed to learn a lot of things before I could get going with this system |  |  |  |  |  |