

Electronics

System Requirements Document





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1. Introduction

1.1 Objectives

Many people find it difficult to go to the store and buy the electronic devices they want, so this site is designed to save time and effort.

This document contains the following sections:

- User roles.
- Workflow diagrams.
- Functional requirements.





1.2 System Overview

The system is an integrated program developed to save time and effort. It is a dynamic and responsive system. This site provides a quick and easy way to find out what devices are available in the store as well as to buy devices online.

The system consists of the following main parts:

- ✓ Create a sales system
- ✓ Additional services.
- ✓ Reports and Statistics.





2. User Roles

2.1. Admin

It is a user who follows the procedures of orders made on the site and matters related to financial services and obtains complete reports about the users.

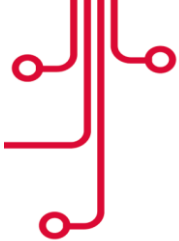
2.2. User

He is a user who enters the site and buys the electronic devices he wants from the store and expresses his opinion on the site.

2.3. Accountant

Is a user who obtains financial reports, calculates all financial details, and accounts for customers in case of cash payment.





3. Functional Requirements

3.1. Admin:

- Login
- View user registration details.
- Add Employee (CURD).
- Mange Categories (mobiles, laptops, etc.) (CURD).
- Manage items (CURD).
- Search between two dates for orders that occurred during this period.
- Obtains Financial monthly and annual reports on website and (PDF or Excel) document. It contains employee salary Profits, losses, and other financial matters.
- Update his profile.
- Mange pages (Home, about us, contact us).

3.2. User

- Enter to the home page.
- Register on the Website
- Login.
- Search for the name or category.
- Makes the order and pays the bill through the visa.
- Can view his invoice.
- Can view and update his profile.

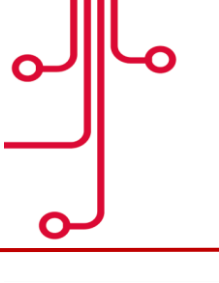




3.3. Accountant

- Login.
- Obtains Daily, monthly and annual reports (PDF or Excel).
- Views user information so that he can contact users when financial problems arise.





4. Workflow Chart

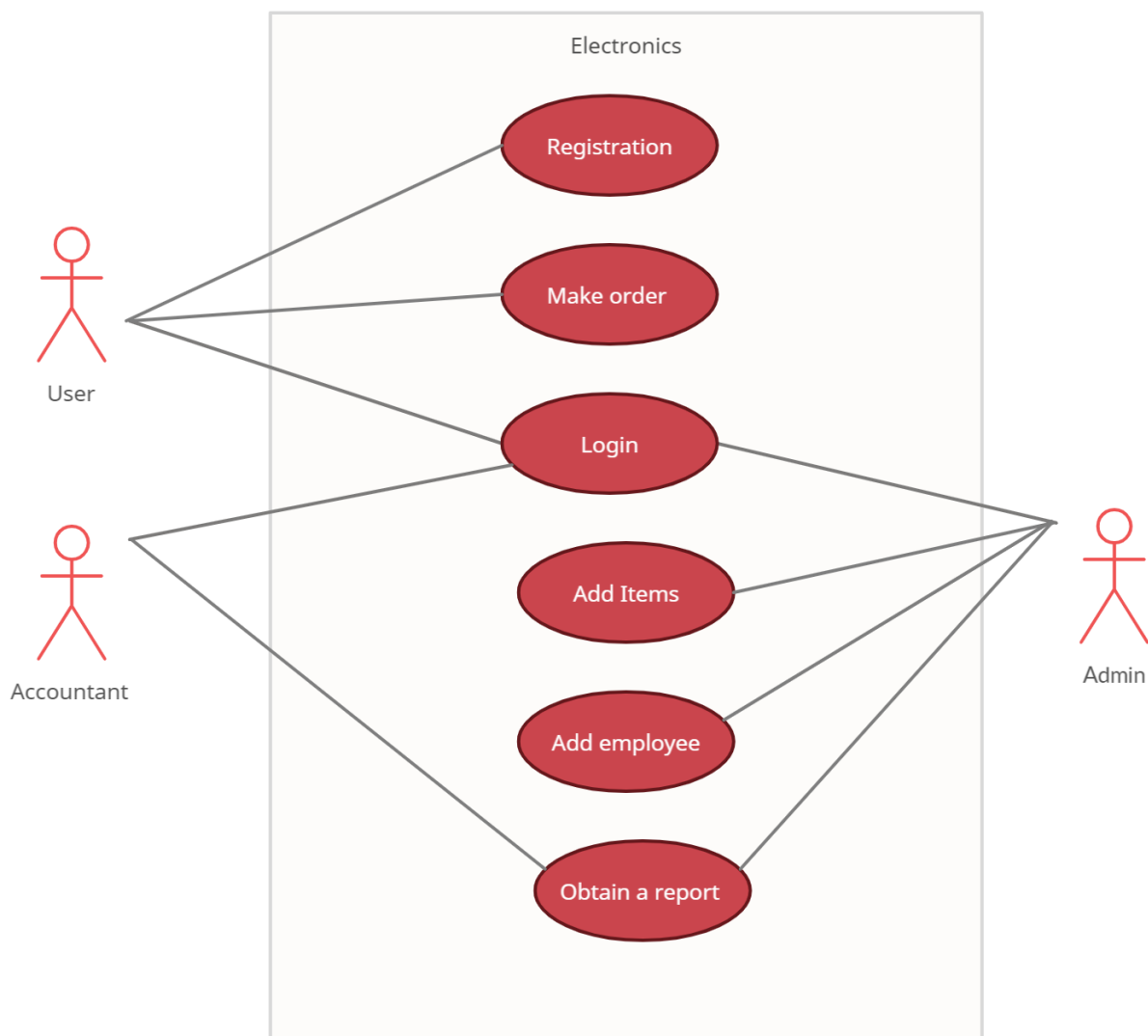
4.1. Home:

Header
Nav bar
Background / Slider
Templates
Contact Form
Footer



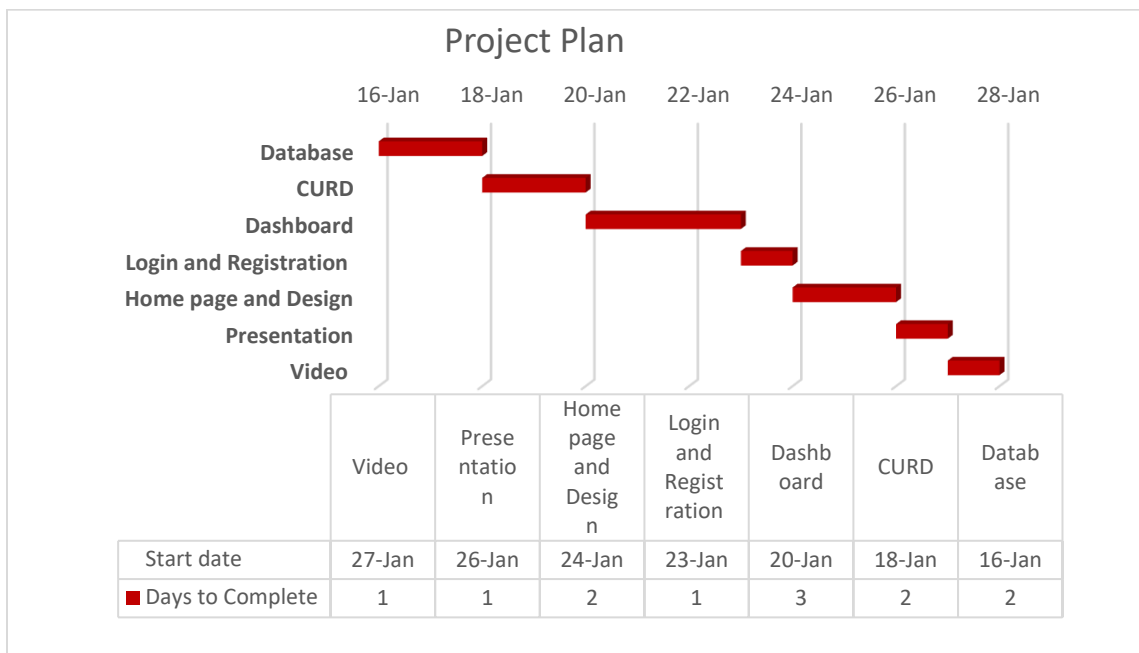


4.2. Use Case Diagram





4.3. Project Plan





5. Interface Design

- Use the Bootstrap template to prepare the home page.
- Use the recognized colors in the design.
- Don't forget Search by package, name and interval.
- The report displays on the website and document.
- The report must be containing charts.
- Use a dashboard template for different users.
- Users' session must be designed.
- Home Page must contain reviews, testimonials, about us, contact us, header, footer and background or slider.
- Each part in the home must change dynamically using Database.





6. Rules

- Keep the rules of the clean code.
- Keep the rules of the business.
- Don't forget to design the logout button.
- Keep the project name.

7. Project Programming Language and Technologies

- Use Visual Studio 2019 to design the web Application.
- Use SQL developer to design a database.
- Use C# Programming Language.
- Use ASP.NET Core MVC.

8. Project Upload Requirements

- Upload your project code.
- Upload Project Presentation (Advertising presentation) .
- Upload Project Video.





9. Project Evaluation

15% Project video and presentation.

35% Interfaces Design.

50% Code Functionality.

10. Deadline

16/01/2022 – 30/01/2022

The project is submitted on the portal: 29/01/2022.

