Final Project

Candidate Voting system

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# Project Proposal

# Project Introduction and Overview

This project is based on the Candidate Voting System. In this ASP.net project there are two types of account one for admin and other for the voter. Admin can add, edit, delete, and access details of the candidates. Admin can also edit, delete, and access details of voters. Moreover, admin can delete votes and view voting history. Voters can vote for candidates. Also, new voters can signup for the application. Voters can add, edit, delete, and access details of their accounts. Only registered admin can register new admins.

# Project Specifications

## Project Goal

The main goal of this project is to implement an online web application using Asp.Net. The name of this web application will be “Candidate Voting System” In this application there is admin and voters. Admin can manage candidates by adding, editing, deleting, and checking details. Also, admin can edit, delete, and check details for various voters. Moreover, voters can add, edit, delete, and check details for candidates. They can vote for candidates. Admin can register new admin and new voters can register.

## Scope

The main goal of this application is to implement a Candidate Voting System online application. This project is for 4 weeks.

# Project Specifications

* Secure login and registration for the candidates
* Secure login and admin registration for admins
* Admin can add, edit, delete candidates
* Admin can manage the votes and voting transactions.
* Admin can edit, delete, and access details of voters.
* Voter can add new candidates, edit, delete, and access for candidates.
* Voters can vote for other candidates.

## Target Audience

The main target audience for this project will the people who are willing to take part in voting. Age group should be 18 plus.

# Project Plan

## Project Deliverables

|  |  |
| --- | --- |
| **Deliverable** | **Description** |
| Project Planning | This document. Introduces the project and elaborates its details and requirements. |
| Project Coding | The application being made. Marking will be based on the GUI, functionality, implementation, and testing. |
| Implementation Details | This document elaborates on the projects details as well as its analysis, design, and implementation. |
| Final Documentation and Report | This includes the final documentation of the project. |

## Resources Required

* Microsoft office, excel
* Identity framework
* Asp.Net framework
* Windows Operating System 10 64-bit Processors
* 8 GB or more RAM.

## Project Risks and Assumptions

* Project can take more time than estimation
* It is not feasible to perform all types of testing.
* One admin and one candidate will be registered by default

# Project Report

## Aim and Introduction

The project aims to introduce a Candidate Voting System web application which will help voters to vote freely.

# Analysis

### Functional and Non-Functional

The functional requirements of this project are divided into types. One for Admin, and one for Voter.

|  |  |
| --- | --- |
| **Users** | **Functional Requirements** |
| **Admin** | * Login/logout * Register new admin * Manage candidates * Manage Voters * Delete votes * View Voting Transaction |
| **Candidate** | * Login/logout * New Candidates can register themselves. * Voter can add new candidates, edit, delete, and check details of the existing ones. * Voters can vote for candidates. |

### Non-Functional

|  |  |
| --- | --- |
| **Operational** | * The system should able to run on all web browsers and accessible via mobiles |
| **Security** | * Only Administrators have full access to the system. * Only Voters have access to their accounts and the right to vote for candidates. |

Software Development Life Cycle

Diagram

Description automatically generated

**Plan**

Planning is very important for start any project , I done planning about project in word file.

**Design**

Design a mock ups or wireframes about project like how your project will look like when it will be done

**Implement**

After the Mockup designs , I implement everything according to my initial planning.

**Test**

<Testing.docx>

[Usability Testing.docx](Usability%20Testing.docx)