



SWC2363: WEB APPLICATION DEVELOPMENT

SESSION: AUG - NOV 2024

PROJECT BRIEF

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Project Title

A short succinct title that reflects the nature of the project.

Online Voting System

Aim/Objectives

What do you intend to achieve by the end of the project?

The primary objective of this project is to develop a secure, user-friendly online voting system that allows users to cast their votes electronically in a transparent and tamper-proof environment. By the end of the project, the system should:

- **Facilitate online voting for registered users.**
- **Prevent duplicate or fraudulent voting.**
- **Provide an administrative interface for managing elections and candidates.**
- **Display real-time voting results in an easy-to-understand format.**

Description

A clear short succinct explanation of the project including the modules and features of the web application.

This online voting system will consist of two main modules: the User Module and the Admin Module.

User Module:

- **User registration and login functionality.**
- **Vote casting: Users can vote for their preferred candidate in the available elections.**
- **Confirmation: Users receive confirmation after voting.**
- **Results: A results page displaying the votes cast for each candidate.**

Admin Module:

- **Admin login and authentication.**
- **Election management: Admins can create new elections, manage candidates, and set voting periods.**
- **User management: Admins can view registered users and monitor voting activity.**
- **Results dashboard: Real-time election results.**
- **Security: The system will implement measures to ensure that each user can only vote once, prevent unauthorized access, and secure vote data.**

Target User

Who is/are the target user(s)? Public user and admin user.

The target users for this system are:

- **Public Users: Individuals who register and participate in voting.**
- **Admin Users: Administrators responsible for managing elections and overseeing the voting process.**

Site's Organization / Storyboard

Create a diagram that outlines the site's planned structure. Choose the appropriate file names for each planned page, so the file names can be used as reference to create the hyperlinks.

The system will include the following pages:

- **checklogin.php – Script to verify login credentials.**
- **connection.php – Database connection script.**
- **index.php – Home page.**
- **login.php – User login page.**
- **logout.php – User log out page.**
- **manage-profile.php – User profile management page.**
- **registeracc.php – User registration page.**
- **save.php – Script to save user input (potentially votes or other data).**
- **vote.php – Voting page for casting votes.**
- **voter.php – Voting dashboard for registered voters.**
- **access-denied.php – Access denied page for unauthorized users.**

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