

**SWC2363: WEB APPLICATION DEVELOPMENT**

**SESSION: AUG - NOV 2024**

**PROJECT BRIEF**

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| **Student’s Name** | **ID No.** |
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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.**

**Date of submission: 7th October 2024 (WEEK 8)**