**THESIS TOPIC**

**Online CV Builder**

**Title: Create Your Dream CV: The Ultimate Online Resume Builder Elevate Your Career: Easy Online CV Creator**

Functionality: A tool to help users create a professional CV.

Features: Input fields for personal information, education, and work experience, with a downloadable PDF option.

Technologies: HTML for forms, CSS for styling, and JavaScript to handle form data and generate a CV.

**Objective**

The objective of "Create Your Dream CV: The Ultimate Online Resume Builder" is to provide users with an intuitive, user-friendly platform that simplifies the process of creating professional and visually appealing resumes. By offering customizable templates and guided prompts, the tool aims to empower individuals to showcase their skills, experiences, and qualifications effectively.

**Purpose**

The purpose of this online CV builder is to:

Enhance Employability: Equip users with the tools to craft a standout CV that highlights their unique strengths and achievements, increasing their chances of securing job interviews.

Streamline the CV Creation Process: Reduce the time and effort required to create a resume by providing a straightforward, step-by-step process, making it accessible for users of all skill levels.

Offer Customization and Flexibility: Allow users to personalize their CVs with various templates, fonts, and layouts, enabling them to reflect their personal style while maintaining professionalism.

Integrate Helpful Resources: Provide tips, examples, and best practices throughout the CV creation process to guide users in presenting their qualifications effectively.

Facilitate Easy Sharing and Exporting: Enable users to easily download their CVs in multiple formats (PDF, Word) and share them directly with potential employers or through job application platforms.

Support Diverse User Needs: Cater to a wide range of users, including students, recent graduates, and professionals at various career stages, ensuring that everyone can create a CV that meets their specific needs.

**Developing a Simple To-Do List Application for Task Management.**

Functionality: Allows users to add, edit, and delete tasks.

Features: Mark tasks as completed, filter tasks, and save tasks to local storage.

Technologies: Use HTML for layout, CSS for design, and JavaScript for handling tasks and local storage.

**Objective**

The objective of this study is to design and implement a simple, user-friendly to-do list application that facilitates effective task management. The application aims to help users organize, prioritize, and track their tasks, enhancing productivity and efficiency in both personal and professional contexts.

**Purpose**

The purpose of this study is to:

Enhance Task Organization: Provide users with a structured way to manage their tasks, enabling them to categorize and prioritize items for better workflow management.

Promote Time Management: Help users allocate their time more effectively by allowing them to visualize their tasks, set deadlines, and track progress.

Increase Productivity: Encourage users to stay focused on their tasks, reducing the likelihood of forgetting important responsibilities and helping them complete tasks in a timely manner.

Foster User Engagement: Create an intuitive interface that encourages regular use, enabling users to easily add, edit, and delete tasks with minimal effort.

Implement Basic Features: Include essential functionalities such as task categorization, due dates, and notifications, ensuring the application meets common user needs without unnecessary complexity.

Facilitate Learning and Development: Provide a practical project for developers to apply their skills in programming, user interface design, and software development, serving as a learning tool for improving coding proficiency.

Gather User Feedback: Allow users to provide feedback on the application, helping developers understand user needs and preferences for potential future enhancements.

**TRANSCEND:**

**The CCC Educational Application consists of a lot of categories such as Elementary, Junior High School, Senior High School, and College.**

**Purpose:**

To maintain CCC Students' educational knowledge by Website Development through answering Quiz Application Websites using critical thinking skills.

**Objective:**

This Application aims to provide the students to transcend their thinking skills especially through critical thinking circumstances.

**Smart Automated Alarm Bell System for Class Time Management in Cainta Catholic College**

Smart Automated Alarm Bell System is designed to perform several key functions. It accurately tracks the current time and class duration. It schedules and triggers alarms at specific times to signal the start and end of classes. The system provides visual and audible notifications to teachers and students, ensuring that classes start and end on time. The system allows for customization of alarm tones, intervals, and schedules to suit the school's specific needs.

**Objectives:**

The system are to improve time management in schools by ensuring that classes start and end on time, enhance productivity by minimizing delays and disruptions, and reduce distractions to promote a smoother transition between classes. By achieving these objectives, the system aims to create a more productive and focused learning environment.

**Purpose:**

-The Smart Automated Alarm Bell System is to provide an efficient and automated way to manage class time, ensuring that classes start and end on schedule.

-The system aims to create a more productive and focused learning environment by minimizing disruptions and promoting timely transitions between classes.

-The system seeks to enhance overall school operations by streamlining class time management, reducing administrative burdens, and promoting a more organized and efficient school environment.

**Title**: "Development of a School Supplies Management Application for Efficient Inventory and Procurement"

**Objective:** The objective of this thesis is to design and develop a school supplies management application that helps educational institutions efficiently manage their inventory and procurement processes for school supplies, ensuring timely replenishment and minimizing wastage.

**Purpose of the Study:** The purpose of this study is to streamline the management of school supplies in educational institutions by providing an application that automates tracking, ordering, and managing supplies. The specific purposes include:

1. Inventory Management: To provide real-time tracking of school supplies, including stock levels, usage, and replenishment requirements.
2. Automated Procurement: To automate the procurement process, including generating purchase orders when supplies fall below a set threshold.
3. Cost Management: To analyze supply costs and usage trends, helping schools reduce overspending and optimize their budgets.
4. User-Friendly Interface: To develop an intuitive user interface that allows staff to easily input, track, and manage supply data.
5. Reports and Forecasting: To generate reports and forecast future supply needs based on historical data, helping with budget planning and inventory control.

**Scope of the Study:** The study will focus on developing a mobile and/or web-based application that can be used by school administrators, teachers, and staff to manage all school supplies from ordering to distribution. The system will cover categories such as classroom materials (pens, papers, etc.), office supplies, and specialty items for science labs, arts, and sports equipment.

**Significance of the Study:**   This application will save time, reduce administrative burdens, and improve the efficiency of managing supplies in educational institutions. It will also provide better transparency in school supply usage, helping institutions optimize resource allocation and ensure supplies are always available when needed.

**Expected Output:** The end result will be a fully functional school supplies management application that can be deployed in schools of varying sizes, with built-in features for inventory tracking, procurement automation, cost management, and reporting. The application will help schools run smoother operations and improve overall resource management.