



MINDORO STATE UNIVERSITY

College of Computer Studies

Bachelor of Science in Information Technology

"AgriConnect: Empowering Farmers Through
Association Digitalization"
(Farmers' Association)

"EduAutomate: Streamlining Educational Processes
through Automation"
(Benito R. Villar Memorial School)

"TourisTrek: Empowering Tourism Through a
Dynamic Marketing and Information Web
Platform"
(Provincial Tourism Department)

"LocaleCraft: Empowering Local Creators through
E-Commerce"
(Provincial Tourism Department)

"TeacherTech: Empowering Education with Tech-
Savvy Records Management"
(Benito R. Villar Memorial School)



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CLEAR AND EXPLICIT STATEMENT OF THE PROBLEM

The agricultural sector in the Philippines, particularly smallholder farmers involved in farmer cooperatives and associations, faces major challenges in terms of digitalization, market linkages, efficient cooperative management, and access to modern technology. These issues curtailed optimal productivity, market competitiveness, and socioeconomic growth in agricultural communities. Bridge this digital divide to empower farmers by enhancing their access to technology, knowledge, and markets through a comprehensive digital platform designed to meet the needs of farmer associations.



**AgriConnect: Empowering Farmers Through
Association Digitalization**





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REASONS FOR CONDUCTING THE STUDY

The creation of a transformative digital platform called "AgriConnect: Empowering Farmers Through Association Digitalization" is the aim of the study to address the challenges mentioned. The following are the main reasons for conducting this study:

- Enhancing Agricultural Productivity and Income
- Facilitating Market Access and Fair Pricing
- Improving Cooperative Management and Collaboration
- Promoting Sustainable Agriculture



**AgriConnect: Empowering Farmers Through
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GAP IN RESEARCH ADDRESSED BY THE PROPOSAL

In the Philippines, efforts have been made to address agricultural challenges and digitize the sector, but there is still a lack of research on a holistic digital platform specifically focused on farmer associations. Current research often focuses on specific aspects such as crop management or market access but lacks comprehensive solutions that incorporate cooperative management, knowledge exchange, market capacity, and sustainable practices according to the needs of farmer associations. By offering an integrated digital platform that covers the diverse needs of farmers and their associations, "AgriConnect" aims to bridge these gaps. Empowering them in multiple dimensions for sustainable and profitable agricultural practices.



**AgriConnect: Empowering Farmers Through
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GENERAL OBJECTIVE OF THE STUDY

- ☑ To Develop an Integrated Digital Platform
- ☑ To Improve Cooperative Management and Collaboration
- ☑ To Enhance Market Access and Farmer Income



**AgriConnect: Empowering Farmers Through
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FUNCTIONAL FEATURES

☒ **User Authentication and Profiles:**

- ✓ Secure registration and login using email or phone number.
- ✓ Password reset and recovery options.

☒ **Cooperative Management:**

- ✓ Membership management with approval workflows.
- ✓ Financial tracking and reporting features.
- ✓ Scheduling and notification system for cooperative activities.

**AgriConnect: Empowering Farmers Through
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FUNCTIONAL FEATURES

☑ **Marketplace:**

- ✓ Product listings with images, descriptions, and prices.
- ✓ Shopping cart functionality for order management.

☑ **Order and Transaction Management:**

- ✓ Order processing, tracking, and history.
- ✓ Integration with payment gateways for seamless transactions.

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FUNCTIONAL FEATURES

☒ **Communication and Collaboration:**

- ✓ Messaging system for member communication.
- ✓ Announcement board and discussion forums.

☒ **Educational Resources:**

- ✓ Repository of educational materials and training modules.
- ✓ Integration with agricultural experts for Q&A sessions.

**AgriConnect: Empowering Farmers Through
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FUNCTIONAL FEATURES

☑ Search and Filters:

- ✓ Search functionality for products and members.
- ✓ Filtering options based on various criteria (e.g., product type, price).

☑ Mapping:

- ✓ Geographical mapping of farmers' locations.
- ✓ Conceptual mapping of cooperative organizational structures and workflow.
- ✓ Value chain mapping for specific crops (e.g., calamansi, banana, coconut).
- ✓ Interactive map for visually navigating products and categorization based on regions.

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NON-FUNCTIONAL FEATURES

☑ Usability:

- ✓ Intuitive and user-friendly interface for easy navigation.
- ✓ Clear instructions and labels for all features.

☑ Performance:

- ✓ Fast loading times for all platform components, including maps.
- ✓ Quick response to user interactions on the platform and maps.

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NON-FUNCTIONAL FEATURES

☒ **Security:**

- ✓ Secure authentication and authorization mechanisms.
- ✓ Encryption of sensitive data, including payment information and user credentials.
- ✓ Secure handling of location data on maps.

☒ **Reliability:**

- ✓ High system uptime and availability.
- ✓ Redundancy and failover mechanisms to minimize downtime.

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☑ Scalability:

- ✓ Scalability to handle a growing number of users, products, transactions, and map interactions.
- ✓ Ability to handle a growing amount of data, including geographic data.

☑ Accessibility:

- ✓ Compliance with accessibility standards (e.g., ADA, WCAG).
- ✓ Ensure maps and the platform are accessible to users with disabilities.

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☒ Interoperability:

- ✓ Integration capabilities with external systems (e.g., payment gateways, mapping APIs).
- ✓ Compatibility with various devices and platforms.



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CLEAR AND EXPLICIT STATEMENT OF THE PROBLEM

In the educational landscape of the Philippines, particularly in Benito R. Villar Memorial School, manual and outdated administrative and academic processes persist within educational institutions, leading to inefficiencies, data inaccuracies, and a lack of personalized support for students and educators. The current system necessitates a modernized and streamlined approach to address these challenges effectively.



**EduAutomate: Streamlining Educational
Processes through Automation**





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REASONS FOR CONDUCTING THE STUDY

The creation of "EduAutomate: Streamlining Educational Processes through Automation" is the aim of the study to address the challenges mentioned. The following are the main reasons for conducting this study:

- Enhancing Educational Efficiency
- Improving Accuracy and Consistency
- Empowering Educators and Students
- Fostering Data-Driven Decision Making

**EduAutomate: Streamlining Educational
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GAP IN RESEARCH ADDRESSED BY THE PROPOSAL

In the Philippines, while advancements in educational technology have been observed, there is a notable gap in the comprehensive integration of automation to streamline educational processes. Existing research often focuses on pedagogy, curriculum development, or general technology adoption, but there is a dearth of research that specifically addresses the systematic automation of administrative and academic processes to enhance overall educational efficiency.

This proposal intends to bridge this gap by proposing a project that strategically applies automation to streamline and optimize key processes within the Benito R. Villar Memorial School educational system, ultimately contributing to a more efficient, student-centered, and data-informed educational environment.

**EduAutomate: Streamlining Educational
Processes through Automation**



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GENERAL OBJECTIVE OF THE STUDY

- ☑ To Design and Develop an Integrated Automation Framework
- ☑ To Evaluate and Optimize Educational Processes
- ☑ To Assess the Impact of EduAutomate on Educational Efficiency



**EduAutomate: Streamlining Educational
Processes through Automation**





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FUNCTIONAL FEATURES

☒ **User Authentication and Authorization:**

- ✓ Allow users to register, log in securely, and define roles and permissions based on their responsibilities within the system.

☒ **Automated Enrollment and Registration:**

- ✓ Streamline students' enrollment and registration processes, ensuring accurate data collection and storage.

**EduAutomate: Streamlining Educational
Processes through Automation**



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FUNCTIONAL FEATURES

- ☑ **Automated Grading and Assessment:**
 - ✓ Automate the evaluation of assignments, exams, and coursework based on defined criteria and algorithms.
- ☑ **Scheduling and Resource Optimization:**
 - ✓ Efficiently schedule classes, exams, and events while optimizing resource allocation, taking into account factors such as availability and capacity.



**EduAutomate: Streamlining Educational
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FUNCTIONAL FEATURES

☒ **Real-time Notifications and Alerts:**

- ✓ Deliver instant notifications and alerts to users for important events, deadlines, or updates related to their courses and academic responsibilities.

☒ **Integrated Communication Platform:**

- ✓ Enable seamless communication between stakeholders, including students, educators, and administrators, within the system.

**EduAutomate: Streamlining Educational
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FUNCTIONAL FEATURES

☒ **Data Analytics and Reporting:**

- ✓ Provide data analytics and reporting capabilities to generate insights and visualize data related to academic performance, enrollment trends, and resource usage.

☒ **Automated Attendance Management:**

- ✓ Automate attendance tracking during classes and events, providing real-time attendance reports to educators and administrators.

**EduAutomate: Streamlining Educational
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FUNCTIONAL FEATURES



Personalized Educational Pathways:

- ✓ Offer personalized academic and career pathways based on students' preferences, academic performance, and career goals.



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NON-FUNCTIONAL FEATURES

☒ Usability and User Experience:

- ✓ Ensure a user-friendly interface and seamless user experience to enhance usability and overall satisfaction.

☒ Performance and Scalability:

- ✓ Ensure the system can handle a growing number of users and data while maintaining optimal performance.

**EduAutomate: Streamlining Educational
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NON-FUNCTIONAL FEATURES

☒ **Security and Privacy:**

- ✓ Implement robust security measures to protect user data and ensure compliance with privacy regulations.

☒ **Reliability and Availability:**

- ✓ Ensure the system is reliable, available, and operational at all times to meet users' needs without downtime.

**EduAutomate: Streamlining Educational
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☒ **Interoperability:**

- ✓ Enable seamless integration with other educational systems, tools, or platforms to enhance interoperability and data exchange.

☒ **Accessibility:**

- ✓ Ensure the system is accessible to users with disabilities, complying with accessibility standards and guidelines.



**EduAutomate: Streamlining Educational
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NON-FUNCTIONAL FEATURES

☒ Scalable Database Management:

- ✓ Utilize a scalable and efficient database management system to handle the increasing volume of data and ensure data integrity.

☒ Response Time:

- ✓ Maintain low response times to ensure quick interactions and seamless user interactions with the system.

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CLEAR AND EXPLICIT STATEMENT OF THE PROBLEM

The Philippines' tourism sector, particularly in Oriental Mindoro contributes significantly to the nation's economy by drawing both domestic and foreign tourists. A consolidated and dynamic platform that smoothly combines thorough tourism information, individualized trip planning, and community interaction, however, is conspicuously lacking in the digital world. Currently, it might be difficult for tourists to find reliable and relevant information on different locations, which results in poor trip planning experiences and limited exploration of lesser-known sites. The potential expansion of the tourism industry is also hampered by the absence of a single platform, which hinders efficient marketing tactics for destinations.



**TourisTrek: Empowering Tourism Through a Dynamic
Marketing and Information Web Platform**





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REASONS FOR CONDUCTING THE STUDY

The creation of "TourisTrek: Empowering Tourism Through a Dynamic Marketing and Information Web Platform" is the aim of the study to address the challenges mentioned. The following are the main reasons for conducting this study:

- Enhancing Tourist Experience
- Promoting Sustainable Tourism
- Filling the Information Gap
- Facilitating Economic Growth
- Utilizing Technological Innovation



**TourisTrek: Empowering Tourism Through a Dynamic
Marketing and Information Web Platform**





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GAP IN RESEARCH ADDRESSED BY THE PROPOSAL

Even though the Philippines' tourism industry is well-established, there is still a clear research need in Oriental Mindoro to create an extensive, user-centric tourism web platform that successfully combines marketing, information sharing, and community participation. Current study frequently concentrates on particular facets of tourism, like marketing tactics, location analyses, or digital technologies by itself. "TourisTrek" seeks to close this gap by putting out an integrated platform that incorporates these elements, providing a comprehensive approach to bettering the Philippines' total tourist industry and maybe serving as a role model for other tourism-dependent areas.



**TourisTrek: Empowering Tourism Through a Dynamic
Marketing and Information Web Platform**





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GENERAL OBJECTIVE OF THE STUDY

- ☑ To Develop an Intuitive and Informative Tourism Platform
- ☑ To Implement a Personalized Trip Planning System
- ☑ To Foster Community Engagement and User Interaction



**TourisTrek: Empowering Tourism Through a Dynamic
Marketing and Information Web Platform**





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FUNCTIONAL FEATURES

☒ **User Registration and Profile Management:**

- ✓ Users can create accounts, log in, and manage their profiles, including personal information, preferences, and trip history.

☒ **Destination Information:**

- ✓ Comprehensive information about tourist destinations, attractions, accommodations, activities, local culture, transportation options, and essential travel tips.



**TourisTrek: Empowering Tourism Through a Dynamic
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FUNCTIONAL FEATURES

☒ **Search and Filtering Capabilities:**

- ✓ Users can search for destinations based on various criteria such as location, interests, budget, and popularity, with the ability to apply filters for refined results.

☒ **Personalized Trip Planning:**

- ✓ Users can plan trips by specifying preferences, duration, and activities, and the system generates personalized itineraries and recommends attractions, accommodations, and activities accordingly.



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FUNCTIONAL FEATURES

☒ **Interactive Maps and Navigation:**

- ✓ Integrated maps to visualize destinations, attractions, accommodations, and suggested itineraries, with interactive features for easier navigation and trip visualization.

☒ **Reviews and Ratings:**

- ✓ Users can provide reviews and ratings for destinations, attractions, accommodations, and activities based on their experiences, helping fellow travelers in decision-making.



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FUNCTIONAL FEATURES

☒ **Booking and Reservations:**

- ✓ Integration with booking systems to enable users to book accommodations, activities, tours, and transportation directly through the platform.

☒ **Community Engagement:**

- ✓ Community forums for discussions, Q&A, and sharing travel experiences; social media integration to allow users to share their trips and experiences.



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FUNCTIONAL FEATURES

☒ Notifications and Alerts:

- ✓ Push notifications and email alerts for upcoming trips, special travel deals, events, and personalized recommendations.

☒ Admin Dashboard:

- ✓ A comprehensive dashboard for administrators to manage users, monitor platform usage, review reported content, and analyze user engagement.



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NON-FUNCTIONAL FEATURES

☑ Performance:

- ✓ The platform should load fast and respond swiftly to user interactions, ensuring a seamless and responsive user experience.

☑ Security:

- ✓ Robust security measures protect user data, transactions, and the overall platform from unauthorized access, data breaches, and other cyber threats.



**TourisTrek: Empowering Tourism Through a Dynamic
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☒ Scalability:

- ✓ The ability of the platform to handle an increasing number of users, data, and transactions without compromising performance or user experience.

☒ Usability:

- ✓ Intuitive user interface design with a focus on ease of navigation, clarity, and user-friendliness to accommodate users of varying technical proficiency.



**TourisTrek: Empowering Tourism Through a Dynamic
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☒ **Reliability and Availability:**

- ✓ The platform should be available 24/7 with minimal downtime, ensuring users can access and use the platform whenever needed.

☒ **Compliance and Legal:**

- ✓ Adherence to legal and compliance requirements related to user data privacy, accessibility, and tourism regulations in the Philippines.



**TourisTrek: Empowering Tourism Through a Dynamic
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Compatibility:

- ✓ Compatibility with various devices (desktops, tablets, smartphones) and browsers to ensure a consistent and accessible experience across different platforms.



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CLEAR AND EXPLICIT STATEMENT OF THE PROBLEM

The Philippines' rich cultural legacy and variety of artistic expressions, particularly in Oriental Mindoro are embodied in the traditional crafts and goods produced by local artists. To expand their market and create a stable income, these artists frequently encounter formidable obstacles. They are unable to effectively market and sell their items due to a lack of access to contemporary e-commerce platforms, a lack of digital skills, and insufficient marketing resources. Their remarkable craftsmanship is consequently neglected and undervalued in the larger market.

**"LocaleCraft: Empowering Local Creators
through E-Commerce"**





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REASONS FOR CONDUCTING THE STUDY

By developing an e-commerce platform called "LocaleCraft," this project intends to close the gap between regional craftsmen and a larger consumer base. Its goal is to empower artists by giving them a specific online marketplace to display their handmade goods and reach a worldwide audience. Thus, the research aims to:

- Empower Local Artisans
- Foster Economic Sustainability
- Promote Cultural Heritage
- Utilize Technology for Empowerment
- Address Market Demand for Authenticity

**"LocaleCraft: Empowering Local Creators
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GAP IN RESEARCH ADDRESSED BY THE PROPOSAL

While e-commerce platforms are widely used in the Philippines, there is a distinct lack of specialized platforms that are focused on supporting local craftsmen and promoting their handcrafted goods. Many e-commerce sites favor larger stores or imported goods over the distinctive products made by regional artists, which frequently get lost in the background. Additionally, there is a dearth of research and activities aimed at utilizing technology to support local craftsmen's sustainable growth and conserve traditional crafts. The "LocaleCraft" concept closes this gap by outlining a specific e-commerce platform that places an emphasis on empowering craftsmen, promoting locally produced goods, and promoting economic sustainability in the Philippines. The goal of this research is to offer a comprehensive and useful answer to the difficulties that artists experience in reaching a wider market, so promoting the preservation and appreciation of the rich cultural legacy of the Philippines.



**"LocaleCraft: Empowering Local Creators
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GENERAL OBJECTIVE OF THE STUDY

- ☑ Increase Artisan Visibility and Participation
- ☑ Enhance Market Reach and Sales Opportunities
- ☑ Facilitate User Engagement and Satisfaction



**"LocaleCraft: Empowering Local Creators
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FUNCTIONAL FEATURES

☒ **User Authentication and Authorization:**

- ✓ Secure registration and login for users, artisans, and administrators.
- ✓ Different access levels for artisans, buyers, and administrators.

☒ **Artisan Profile Management:**

- ✓ Artisan registration and profile creation with details about their craft, bio, and portfolio.
- ✓ Profile editing, updating, and deletion functionalities for artisans.

**"LocaleCraft: Empowering Local Creators
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FUNCTIONAL FEATURES

☒ **Product Management:**

- ✓ Artisans can add, edit, and delete products, including product images, descriptions, and prices.
- ✓ Product categorization and filtering options for buyers.

☒ **Shopping Cart and Checkout:**

- ✓ Users can add products to the cart, view the cart, and proceed to secure checkout.
- ✓ Secure payment gateway integration for seamless transactions.

**"LocaleCraft: Empowering Local Creators
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FUNCTIONAL FEATURES

☒ **Order Management:**

- ✓ Order tracking for users and artisans, including order history and order status updates.
- ✓ Notifications for order placement, processing, and delivery.

☒ **Review and Rating System:**

- ✓ Users can leave reviews and ratings for products and artisans.
- ✓ Average rating display for each product and artisan.

**"LocaleCraft: Empowering Local Creators
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FUNCTIONAL FEATURES

✓ **Search and Filter Functionality:**

- ✓ Advanced search options allow users to search for products by category, price, or artisan.
- ✓ Filtering options based on different product attributes.

✓ **Communication and Messaging:**

- ✓ Integrated messaging system for communication between buyers and artisans.
- ✓ Notifications for new messages and inquiries.

**"LocaleCraft: Empowering Local Creators
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FUNCTIONAL FEATURES

☒ **Wishlist and Favorites:**

- ✓ Users can add products to their wishlist and mark favorite artisans.
- ✓ Easy access to wishlists and favorites for future browsing and purchasing.

☒ **Community Engagement:**

- ✓ Discussion forums, comments, and community interaction features.
- ✓ Social media integration for sharing products and discussions.

**"LocaleCraft: Empowering Local Creators
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NON-FUNCTIONAL FEATURES

☒ **Performance:**

- ✓ Quick loading times and responsive design for seamless user experience.
- ✓ Efficient handling of website traffic and transactions even during peak periods.

☒ **Security:**

- ✓ Data encryption (SSL) to ensure secure transactions and protect user information.
- ✓ Regular security audits and updates to mitigate vulnerabilities.

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NON-FUNCTIONAL FEATURES

☑ Scalability:

- ✓ Design and architecture that allows the platform to scale and handle increased users and products.
- ✓ Ability to handle a growing database of products and artisans.

☑ Usability:

- ✓ Intuitive and user-friendly interface for easy navigation and a positive user experience.
- ✓ Clear call-to-actions and easily understandable labels and instructions.

**"LocaleCraft: Empowering Local Creators
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Problem
Statement

General and
Specific
Objectives

Expected
Output

NON-FUNCTIONAL FEATURES

☑ Accessibility:

- ✓ Compliance with accessibility standards (e.g., WCAG) for inclusivity and usability by individuals with disabilities.
- ✓ Compatibility with screen readers and assistive technologies.

☑ Reliability:

- ✓ Maximum uptime and availability to ensure users can access the platform anytime.
- ✓ Reliable payment processing and order management systems.

**"LocaleCraft: Empowering Local Creators
through E-Commerce"**



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NON-FUNCTIONAL FEATURES



Data Backup and Recovery:

- ✓ Regular automated backups of the database to prevent data loss.
- ✓ Efficient data recovery mechanisms in case of any failures.



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CLEAR AND EXPLICIT STATEMENT OF THE PROBLEM

Significant obstacles are presented by the manual and conventional techniques used to manage teacher records in Philippine educational institutions, particularly at Benito R. Villar Memorial School. These procedures entail a lot of paperwork, ineffective data retrieval, possible data mistakes, a lack of data security safeguards, and impeded stakeholder collaboration. The potential for data-driven decision-making in education is hampered by the lack of a centralized, technologically advanced records management system, which results in less-than-ideal administrative processes.



**"TeacherTech: Empowering Education with
Tech-Savvy Records Management"**





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REASONS FOR CONDUCTING THE STUDY

The developing of "TeacherTech: Empowering Education with Tech-Savvy Records Management" is the aim of the study to address the challenges mentioned. The following are the main reasons for conducting this study:

- Enhancing Administrative Efficiency
- Ensuring Data Accuracy and Security
- Enabling Informed Decision-Making
- Promoting Collaboration and Accessibility
- Future-Proofing Education

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GAP IN RESEARCH ADDRESSED BY THE PROPOSAL

While there are initiatives to incorporate technology into several industries in the Philippines, there hasn't been much research done on a comprehensive, tech-driven teacher records management system. By offering a creative, contextually appropriate solution tailored to the specific requirements and difficulties experienced by Benito R. Villar Memorial School, this proposal seeks to close the gap. The project aims to address a research gap in the local academic scene by offering insightful contributions and useful applications in the area of educational technology.



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GENERAL OBJECTIVE OF THE STUDY

- ☑ To Design an Intuitive User Interface and Database Architecture
- ☑ To Implement Advanced Security Features and Access Control
- ☑ To Develop Data Analytics and Reporting Functionality



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FUNCTIONAL FEATURES

☑ **User Authentication and Authorization:**

- ✓ Users can log in using unique credentials (username, password, biometrics) and are granted access based on their roles (administrator, teacher, staff).

☑ **Teacher Profile Management:**

- ✓ Administrators can create, edit, and delete teacher profiles, including personal information, qualifications, and contact details.



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FUNCTIONAL FEATURES

☒ Document Upload and Management:

- ✓ Users can upload, categorize, and manage documents related to teachers, including lesson plans, certifications, and assessments.

☒ Search and Retrieval:

- ✓ Users can search and retrieve teacher records based on various criteria, such as name, subject, qualifications, or experience.



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FUNCTIONAL FEATURES

☒ **Reporting and Analytics:**

- ✓ Generate reports on teacher performance, qualifications, service leave credits, and other relevant metrics, providing insights for decision-making.

☒ **School Information Management:**

- ✓ Store and manage information related to the school, such as location, contact details, staff listings, and infrastructure details.



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FUNCTIONAL FEATURES

☒ **School Activities Management:**

- ✓ Record and manage school activities, events, and important dates, providing a centralized view for all stakeholders.

☒ **Annual Implementation Plan:**

- ✓ Develop, track, and update the annual implementation plan, including goals, objectives, and strategies for the academic year.



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FUNCTIONAL FEATURES

☒ **Contingency Plan:**

- ✓ Develop a contingency plan to address unforeseen circumstances or emergencies, ensuring continuity of educational operations.

☒ **Processing of Service Leave Credits:**

- ✓ Automate the calculation and processing of service leave credits for teachers based on defined policies and rules.

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FUNCTIONAL FEATURES

✓ **Biometric Authentication:**

- ✓ Implement biometric authentication (fingerprint, facial recognition) for secure and convenient login, enhancing system security.

✓ **Chatbots for User Assistance:**

- ✓ Integrate chatbots using natural language processing to assist users with queries, provide guidance, and offer a more interactive and responsive user experience.

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FUNCTIONAL FEATURES



Anti-Screenshot and Screen Recording Protection:

- ✓ Implement mechanisms to deter users from taking screenshots or screen recordings within the application.



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NON-FUNCTIONAL FEATURES

✓ **Security:**

- ✓ Implement encryption, access controls, and secure authentication mechanisms to ensure data privacy and protection against unauthorized access.

✓ **Performance:**

- ✓ Optimize system responsiveness and speed to provide a smooth user experience, even during peak usage times.

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NON-FUNCTIONAL FEATURES

☑ Usability:

- ✓ Design an intuitive and user-friendly interface to enhance user adoption and minimize the learning curve for users.

☑ Reliability:

- ✓ Ensure the system's availability and stability, minimizing downtime and providing a reliable platform for users.

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☑ **Scalability:**

- ✓ Design the system to handle increasing amounts of data and users, allowing for seamless growth and performance as the user base expands.

☑ **Compatibility:**

- ✓ Ensure the application works across various devices, browsers, and operating systems to maximize accessibility for users.



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Compliance:

- ✓ Adhere to relevant legal and industry standards, ensuring compliance with data protection laws and other regulations.



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**THANK
YOU!**



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