University Avenue, Juna Subdivision, Matina, Davao City
TERTIARY EDUCATION DEPARTMENT
School Year 2024- 2025

SURVEY QUESTIONNAIRE

Dear Respondents:

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We are the researchers of Philippine Women's College of Davao specializing in Bachelor of Science in Information Technology of the Tertiary Education Department. As part of my research titled *"Echolert: A GPS-Integrated Alert Emergency Response System",* We are conducting a survey to gather data that will contribute to a better understanding of the design and implementation of a Echolert, a GPS-integrated alert system at Barangay Bago Gallera. Your participation in this survey is entirely voluntary, and you may choose to withdraw at any time. The information you provide will be treated with the utmost confidentiality and will only be used for academic purposes. No identifiable personal data will be disclosed in any part of the study.

The questionnaire will take approximately 15 minutes to complete. Your insights are highly valuable and will greatly contribute to the success of this research. If you have any questions or concerns regarding this survey or the research, please do not hesitate to contact me at arenasoriano597@gmail.com or 09054481857.

Instructions: Please read each statement carefully and indicate your response by marking (e.g., ✓) the appropriate box that best reflects your opinion or experience. Your answers should be based on your honest assessment. There are no right or wrong answers.

PART I: Demographic Profile
Please provide the following information:

1. **Age:** [___]
2. **Gender:** [ ] Male [ ] Female [ ] Prefer not to say
3. **Occupation:** _____
4. Strand:_____

PART II: Survey Items

Instructions for Scaling: Use the following scale to indicate the extent of your agreement or experience:

1 - Strongly Disagree
2 - Disagree
3 - Neutral
4 - Agree
5 - Strongly Agree

Indicators	5	4	3	2	1
Perceived Usefulness (PU):					
1. The system increases productivity in managing emergency situations.	✓				
2. The system is beneficial for our community's safety	✓				
3. Utilizing the system improves the effectiveness of handling emergencies.		✓			
4. The system enhances the efficiency of emergency response in our barangay.		✓			
Perceived Ease of Use (PEU):					
1. Interacting with the system is straightforward and understandable.		✓			
2. Learning to operate the system is easy for me.		✓			
3. I find the system to be user-friendly.		✓			
4. Navigating through the system's features is effortless.		✓			
Attitude Towards Adoption (ATA):					
1. Implement the system in our barangay is a positive idea.		✓			
2. I believe adopting the system will be advantageous for our community		✓			
3. I have a favorable opinion about using the system for emergency responses.		✓			
Behavioral Intention to Use					
1. I intend to use the system whenever an emergency arises.		✓			
2. Given the opportunity, I will utilize the system in emergency situations.		✓			
3. I plan to rely on the system for managing emergencies in our barangay.		✓			
Trust in the System (TR)					
1. I trust the information provided by the system during emergencies.		✓			
2. The system delivers reliable data for effective emergency management.		✓			
3. I have confidence in the system's performance during critical situations		✓			
Job Relevance (JR)					
1. The system is pertinent to the responsibilities of our emergency response team.		✓			
2. Using the system aligns with the goals of our barangay's safety initiatives.		✓			
3. The system supports tasks that are crucial to our emergency management duties.		✓			
Facilitating Conditions (FC)					
1. The infrastructure in our barangay supports the use of the system.		✓			

2. Adequate support is available when I experience difficulties with the system.			✓		
3. I have the necessary resources to use the system effectively.			✓		
Social Influence (SI)					
1. There is a social expectation for me to utilize the system during emergencies.		✓			
2. Community leaders are supportive of implementing the system.		✓			
3. People important to me think I should use the system for emergency responses.		✓			
Self-Efficacy (SE):					
1. I feel capable of teaching others how to use the system.		✓			
2. I can troubleshoot issues that arise while using the system.		✓			
3. I am confident in my ability to operate the system effectively.		✓			
Anxiety (AN)					
1. I am concerned about making mistakes while using the system		✓			
2. The thought of relying on the system in critical situations makes me uneasy.		✓			
3. I feel apprehensive about using the system during emergencies.		✓			
System Reliability (SR)					
1. The system's uptime meets the demands of our emergency response needs.		✓			
2. I can depend on the system to function without failures in critical moments.		✓			
3. The system consistently performs well during emergency scenarios.		✓			
Information Quality (IQ)					
1. The system delivers comprehensive data necessary for decision-making.		✓			
2. Information from the system is timely and up-to -date.		✓			
3. The system provides accurate information during emergencies.		✓			
Overall Effectiveness (OE)					
1. The system has helped minimize damages and casualties during emergencies.		✓			
2. The system effectively reduces response time to emergencies.		✓			
3. The system has significantly enhanced emergency management in our barangay.		✓			

Adapted to:

Okonji, C. (2020). Evaluating user acceptance of automated emergency responsesystems in developing countries using the Technology Acceptance Model. Academia.edu. https://www.academia.edu/81638004/Evaluating_User_Acceptance_Of_Automated_Emergency_Response_Systems_In_Developing_Countries_Using_The_Technology_Acceptance_Model