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| F:\bsu seal.png | Reference No.: BatStateU-FO-ESO-01 | Effectivity Date: January 3, 2017 | | Revision No.: 00 |
| Title: | **EXTENSION PROGRAM PLAN / PROJECT PROPOSAL** | | | |
| Image result for check symbol png Extension Service / Training is requested by clients.  Extension Service / Training is Department’s initiative. | | | | |
| * 1. Title of the Project:   **Technology transfer : DATA ANALYTICS SUPPORT FOR HUMAN RESOURCE SYSTEM**   * 1. Location:   Provincial Capitol of Batangas   * 1. Duration:  January 29, 2016  Tuesday, 8 hours   2. Type of Community Extension Service:   Technology Transfer   * 1. Department Involved:   College of Informatics and Computing Sciences   * 1. Project Leader, Asst. Project Leader and Coordinators:   Project Leader: Mr. Lloyd H. Macatangay ( Thesis Adviser)  Faculty Involved:   * Engr. Alex I. Magboo * Engr. Jennifer L. Marasigan * Engr. Jeffrey S. Sarmiento   BS IT Students:   * Donna Mae G. Caringal * Angelica P. Lontoc * Pamela Mae M. Plata   CICS Extension Coordinator: Mr. Lloyd H. Macatangay   * 1. Cooperating Agencies:   Batangas State University IT Department  Provincial Human Resource Management Office   * 1. Beneficiaries:   The result of this study would be significant to **Provincial Human Resource Management Office** as the prime beneficiary of this study. This would hopefully provide a better working system for the Provincial Government of Batangas.   * 1. Total Cost of the Project and Sources of Funds:   Funds provided by the researchers ( Project Cost)   * 1. Rationale of the Project (brief description of the situation):   The developed website is in recognition of the fact that there will be instances that tweets will contain various, even ironic opinions of the different Twitter users on the said concern. The researchers used the popular tool on twitter which is the hashtag tool. Their tweets will be analyzed using the proposed system; and they will be indicated as positive, neutral and negative tweets.  The researchers developed a system for mining tweets from Twitter users, which can analyze whether their tweets are positive or negative feedbacks on the foreign currency exchange.   * 1. Objectives (General and Specific):   **Generally** the project/activity aims to provide an online system for Human Resource Office of Provincial Government of Batangas.  **Specifically:**   1. To design and develop a system that provides:   1.1 User   * + 1. Administrator  1. To view the applicants information. 2. To view the job seeker interest to work.    * 1. Employee      2. Job Seeker    1. Printable PDS    2. Printable reports such as:       1. Tabular report       2. Graphical Report 3. To develop a user-friendly web-based application that automates the activities of HR office.    1. Job Posting    2. Upload Requirements    3. Evaluate Employees Performances.   To test and evaluate the proposed system in terms of functionality and usability.   * 1. Description of the Project, Strategies and Methods (Activities / Schedule):   Step by step process on how the project was done.   * Data Gathering - determining the needs or conditions to meet for a new project. * Architecture & Design - all the activities involved in conceptualizing, framing, implementing, commissioning, and ultimately modifying systems and an activity following requirements specification before programming. * Development - computer programming, documenting, testing, and bug fixing, maintenance, or any other activities that result in software products. * Testing - independent view of the software to appreciate and understand the risks of software implementation. * Implementation - execution of a plan.   With the help and assistance of the person who have the knowledge and skills involved in the process, the proponents came up with the final design of the Data Analytics Support for Human Resource System.  During the extension of the developed website, technology transfer and skills will be conducted. For better comprehension, a user manual will be provided to the personnel of the company. This manual indicates the steps in operating the website.  Friday, January 29, 2016   * Lecture/Orientation * Hands On   1. Financial Plan:   Funds provided by the researchers   * 1. Functional Relationships with the Collaborating Agencies (Duties / Tasks of the Cooperating Agencies):   The **Provincial Human Resource Management Office** shall allow and assist student of BatStateU, specifically BS Information Technology major in Business Analytics students to conduct data gathering and/or testing necessary for their research.   * 1. Monitoring and Evaluation Mechanics / Plan:   Accomplished training assessment/evaluation survey Narrative Reports Photo documents Technical Assistant for the system   * 1. Plans for Ensuring the Sustainability of the Project:   The university recognizes the need to strengthen the services to and network with public entities to make functional its goals of development research and extension service. Thus, the project leader and coordinator offer partnership.  To ensure sustainability of the project, the outputs of the researches to be conducted will be given to **Provincial Human Resource Management Office** for its possible utilization whether in form of system improvement. Furthermore, a Memorandum of Understanding between the Batangas State University and Provincial Human Resource Management Office will be provided to protect the rights of both parties. | | | | |
| Prepared by:  **MR. LLOYD H. MACATANGAY Coordinator, Extension Services**  Date Signed: | | | Reviewed by:  **DR. JESSIE A. MONTALBO**  Executive Director  Date Signed: | | |
| Reviewed by:  **ASST. PROF. ARMANDO V. MENDOZA Jr.**  Director, Extension Services  Date Signed: | | | Recommending Approval:  **ENGR. ALBERTSON D. AMANTE**  Vice President for Research, Development and Extension  Date Signed: | | |
| Recommending Approval:  **ATTY. LUZVIMINDA C. ROSALES**  Vice President for Finance & Resource Generation  Date Signed: | | | Approved:  **DR. TIRSO A. RONQUILLO**  University President  Date Signed: | | |

*Required Attachment: If Extension Service / Training is requested by clients, attached the letter of request with endorsement from the University President.*

*cc: (1) College Dean*