**THESIS PROPOSAL REVISION MATRIX**

|  |  |  |
| --- | --- | --- |
| **Thesis Proposal Title: TIPid: Decision Support System on E-Shopping Products through Graphical Visualization and Data Mining**  **Proponents: Averos, Christian M.**  **Delicano, Jobea Ann F.**  **Faculty Adviser: Dr. Benilda Eleanor V. Comendador**  **Panelists:** **Dr. Benilda Eleanor V. Comendador**  **Prof. Ma. Esperanza H. Reyes** | | |
| **Panel Recommendations** | **Revisions** | **Page number/s where change appears** |
| Changed thesis format to PUP format | Change font to Arial, size11; format of Chapter and Subheadings |  |
| Introduction | Rephrased to provide more clarification. | Page 1 |
| Background of the Study | Rephrased and added more clarification. | Page 1 |
| Statement of the Problem   * Rephrase problem # 1   Reason: Algorithm used extends the time complexity too much when used with scrapers | 1. Using web scraper and spider, what is the accuracy of getting the relevant data from online shopping websites using percentage formula? | Page 3 |
| Statement of the Problem   * Rephrase problem #2 | 2. What is the accuracy of applying Interleaved Ranking using Recall formula in getting the ranked best deals based on?  a. Ranking by Price?  b. Ranking by Average Rating and Number of Customer Reviews? | Page 3 |
| Statement of the Problem   * Change problem # 3   Reason: problem stated was ambiguous and vague. The problem can also be solved by a current technology; Matlab, making it uninteresting and easy to solve. | 3. What is the total accuracy of using the developed system using the mean formula? | Page 4 |
| Scope and limitation of the Study | Removed Zalora from potential data source.   * Reason: Only focused on apparels. | Page 5 |
| Related Literature and Studies | Added more Related Literature and Studies. | Page 7 |
| Development Details | Added development tools. | Page 16 |
| Data Generation | Lowered regression tests from 50 to 20.  Increased product data sets per OSW from 15 to 20 and rephrased the survey and testing data process. | Page 17 |
| Data Analysis | Changed formula # 3 to match problem # 3 | Page 19 |
| Research Instrument   * Add instrument from presentation in tabular format | Added sample experiment paper in appendices. | Page 22 |

**Panel Confirmation of Review Items Addressed**

By providing the signature (over printed name), the Panel is attesting that the submission meets all document requirements and the previously noted issues have been satisfactorily addressed.

Faculty Adviser: Dr. Benilda Eleanor V. Comendador Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Panel 1: Prof. Ma. Esperanza H. Reyes Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Panel 2: Dr. Benilda Eleanor V. Comendador Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Submissions will not be accepted without a completed and signed revision matrix.**