College of Informatics and Computing Sciences

Survey Questionnaire

ReAct (Research Activity Tracker): An Innovative Tool for Tracking and Monitoring BatStateU Faculty Research Performance

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Part I. Personal Data

Name (Optional): _____ Date: _____

Respondent Category (Please put a check on the box provided):

- ☐ IT Experts QA Specialist
- ☐ VCRDES (Vice Chancellor for Research Development and Extension Services)
- ☐ HEAD of Research
- ☐ College Dean/Associate Dean
- ☐ Research Coordinator
- ☐ Faculty Researcher

Office : _____

Part II.A. Evaluation of the Developed System

Below is a set of questions that evaluates the "ReAct (Research Activity Tracker): An Innovative Tool for Tracking and Monitoring BatStateU Faculty Research Performance". For each question, kindly place a check mark (✓) on the number that corresponds to your answer.

A – Highly Satisfied   D – Slightly Satisfied
B – Moderately Satisfied   E – Not Satisfied
C – Satisfied

To measure the level of satisfaction of the respondents on system usability assessment of the respondents on the develop system using the Standard Usability Scale in terms of Accuracy, Content, Ease of Use, Format, and Timeliness					
FOR ALL RESPONDENTS					
Accuracy	A	B	C	D	E
1. Is the system accurate?					
2. Are you satisfied with the accuracy of the system?					
Content					
1. Does the system provide precise information you need?					
2. Does the information content meet your needs?					
3. Does the system provide reports that seem to be just about exactly what you need?					
4. Does the system provide sufficient information?					
Ease of Use					
1. Is the system user friendly?					
2. Is the system easy to use?					

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Format					
1. Do you think the output is presented in a useful format?					
2. Is the information clear?					
Timeliness					
1. Do you get the information you need in time?					
2. Does the system provide up-to-date information?					
Overall Satisfaction and Success					
1. Is the system successful?					
2. Are you satisfied with the system?					

Part III. Evaluation of the Developed System

Below is a set of questions that evaluates the "ReAct (Research Activity Tracker): An Innovative Tool for Tracking and Monitoring BatStateU Faculty Research Performance". For each question, kindly place a check mark (✓) on the number that corresponds to your answer.

A – Excellent   D – Poor
B – Good   E – Awful
C – Okay

To assess the level of acceptance of the respondents on the developed system in terms of Efficiency, Functionality, Reliability, Usability, and Security.					
FOR ALL RESPONDENTS					
Efficiency	**A**	**B**	**C**	**D**	**E**
1. The system provides configurable automation of system and research unit processes.					
2. The system provides an efficient way in monitoring the research target and actual accomplishments.					
3. The system provides fast execution in generating reports.					
4. The system provides real-time monitoring of research activities.					
5. The system makes research activities reports and documents accessible to users in a timely manner.					
Functionality					
1. The system performs its intended functions and supports the needs of the end users in monitoring the research proposals, progress, target, and budget.					
2. The system consistently supports the user's expected results through research analytical and beneficial reports.					
3. The system helps the university to continuously improve its research through automated monitoring and management.					
4. The system improves user productivity and effectiveness by spending less time in routine tasks in the research services unit.					
5. The system is capable to protect the research activities records from unauthorized access, destruction, alteration or removal.					
Reliability					
1. The system provides accurate evaluation results obtained directly from the research unit participants / beneficiaries and not from unregistered user/s.					
2. The system is capable of handling errors throughout research activities operations.					
3. The system can resume working and restore lost data after failure.					
4. The system is capable of managing research budget allocation and utilization in a consistent manner without failure at all times.					

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5. The system is capable of easily monitoring the progress of a research project.					
Usability					
1. The system offers a convenient user interface that is easy to learn without deliberate effort.					
2. The system guides the user to carry out different operations (e.g. managing/monitoring proposal, progress etc.) with ease.					
3. The system presents data and information in an easy-to-understand way.					
4. The system provides very clear, concise and consistent labels for navigation.					
5. The system requires fewest steps to accomplish a certain task.					
Security					
1. The system requires username and password before a user can log in.					
2. The system is secured by providing a centralized storage for research activities that is accessible by authorized users.					
3. The system has permission levels and control that has access to the information (e.g. designated research coordinators and deans/associate deans cannot view other colleges' research activities and records).					
4. The system is capable of protecting each user's research activities from unauthorized access, destruction, alteration or removal.					
5. The system provides user the option to change his/her login credentials in case it was forgotten or compromised.					

Part IV. Evaluation of the Developed System

Below is a set of questions that evaluates the "ReAct (Research Activity Tracker): An Innovative Tool for Tracking and Monitoring BatStateU Faculty Research Performance". For each question, kindly place a check mark (✔) on the number that corresponds to your answer.

A – Highly Satisfied   D – Slightly Satisfied
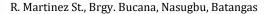B – Moderately Satisfied   E – Not Satisfied
C – Satisfied

To assess the level of satisfaction of the respondents on the features of the developed system in terms of Dashboard, Research Performance Monitoring, Report Generation.					
RESEARCH UNIT AND IT EXPERTS QA SPECIALIST ONLY					
Dashboard	**A**	**B**	**C**	**D**	**E**
1. The system provides total of completed research, target research, publications, R&D gross expenditure etc.					
2. The system helps the user/s easily visualize research activities through analytical graphs.					
3. The system can filter data quarterly and annually about research activities.					
Research Performance Monitoring					
1. The system provides data about its intended functions and supports the needs of the end users in monitoring the different R&D related documents.					
2. The system consistently supports the user's expected results through analytical graph that can be seen in the Dashboard.					
3. The system can filter different research activities by colleges and programs accomplished the faculty researchers					

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Report Generation					
1. The system provides accurate report data obtained directly from the faculty researcher and not from unregistered user/s.					
2. The system provides accurate report data that is convertible and downloadable to pdf files.					
3. The system enables the user/s to view and download the generated report.					

_____
Signature of the Respondent

This Survey Questionnaire was validated and;

Reviewed by:

Ms. NOELYN M. DE JESUS
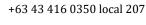Capstone Adviser

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