AUTOMATING THE IRB RESEARCH COMPLIANCE REVIEW PROCESS TO SUPPORT NMSU STUDENTS AND FACULTY

INTRODUCTION: WHO & WHAT
The MAESTRO team was established through a collaboration with the Associate Vice President for Research Integrity, Office of Research Compliance, and Research IT to automate the compliance review process and make it accessible online.

GOALS
MAESTRO ASSESSES:

ONLINE APPLICATION PROCESS
Accessing the Compliance of Federal Regulations in university research involving Human Subjects.

IMPLEMENTATION
Save steps, resources, streamline and update processes.

ASSESSMENT
Effective and efficient. Facilitates collaboration.

DEVELOPMENT
Update current process, automate and access online.

TASKS
- Define the requirements
- Document the current manual process
- Review and analyze current products and development options
- Develop project plan and schedule
- Design, implement, and test the new electronic system
- Document and provide training, documentation, website, customer support, branding, etc

CONCLUSION: NEXT STEPS
Continue customer support, development, enhancements, analysis, and improvement measures for the process and data collection of research projects and IRB review process.

CHALLENGES & PRELIMINARY DATA
- Faculty and staff
- Distance Ed and main campus students
- Outside agencies

STRENGTHS & CHALLENGES
- Beta test findings and timely resolutions
- Provides quality customer service
- Consistency, accuracy, and quality assurance

FEEDBACK
- Faculty and staff
- Distance Ed and main campus students
- Outside agencies

MAESTRO’S KEY BENEFITS
- Streamlined process
- Workflow management from start to finish
- Encourages collaboration
- Simplified form completion and process
- Access anywhere from the Internet
- Electronic document management
- Environmentally sustainable
- Standardization of data
- Utilized current innovative technology

REFERENCES AND RESOURCES

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TIMELINE

2012

January
Analyze 3rd party vendors & begin defining team and requirements

January-May
Design, code and unit test

July
First demo to management and IRB Committee

August
IRB Retreat demo Usability testing Training

September
Meeting and training with beta test departments

October-January
Beta testing with select departments

February
Go live with website, training and full branded product

2013