

STARS COMPUTING CORPS TUTORING INTERFACE

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Instructor/Faculty: Professor Seyedmasoud Sadjadi, Florida International University

PROBLEM

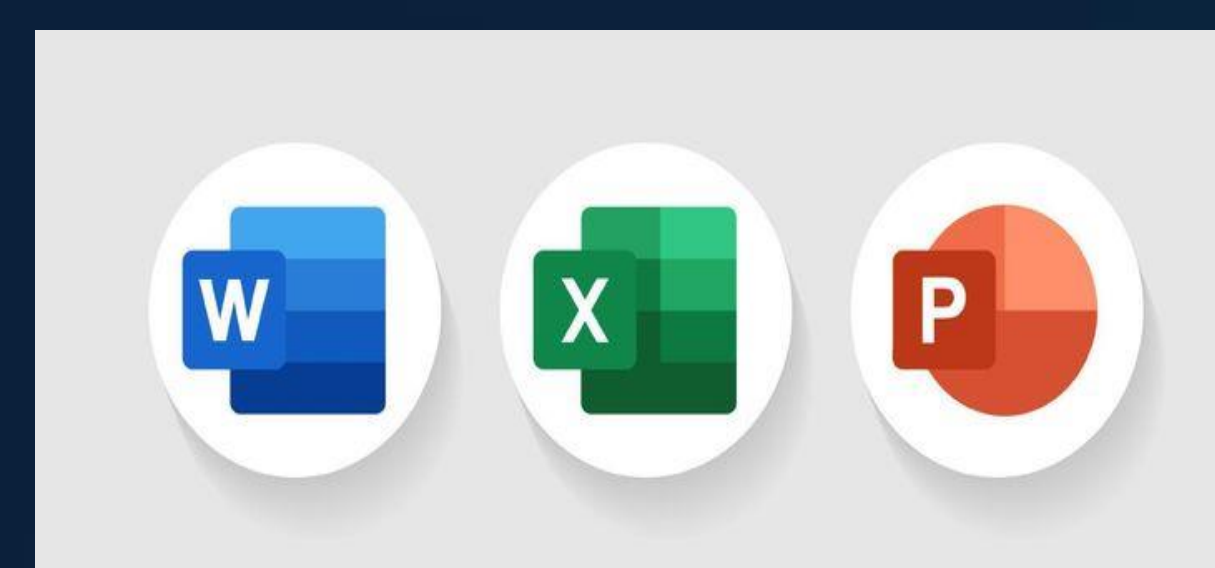
Nathalia tackled the challenge of creating accessible documentation that is both comprehensive and user-friendly, enhancing the understanding of the system's functionalities for all stakeholders. Additionally, she aided in the front-end design of the application by applying principles of human-computer interaction to optimize usability.

REQUIREMENTS

The project required Nathalia's skills in producing detailed documentation, an intuitive understanding of design for user experience, and a proactive learning approach for software application. Additionally, she analyzed potential security issues that could arise from the application due to handling potentially sensitive Panther information such as their IDs and class information which is to be kept private per law.

SYSTEM DESIGN

Her involvement was important in designing a system that structures information in a user-friendly way, leveraging her knowledge of human-computer interaction to optimize app functionality. Her insights into object layout significantly enhanced the design, ensuring the user interface was both engaging and intuitive. Nathalia also focused on identifying potential security risks, utilizing features like data encryption offered by Microsoft Power Automate to mitigate these concerns. Additionally, her verification methods played a crucial role in ensuring comprehensive documentation of the system, accurately reflecting the project's scope and functionality.

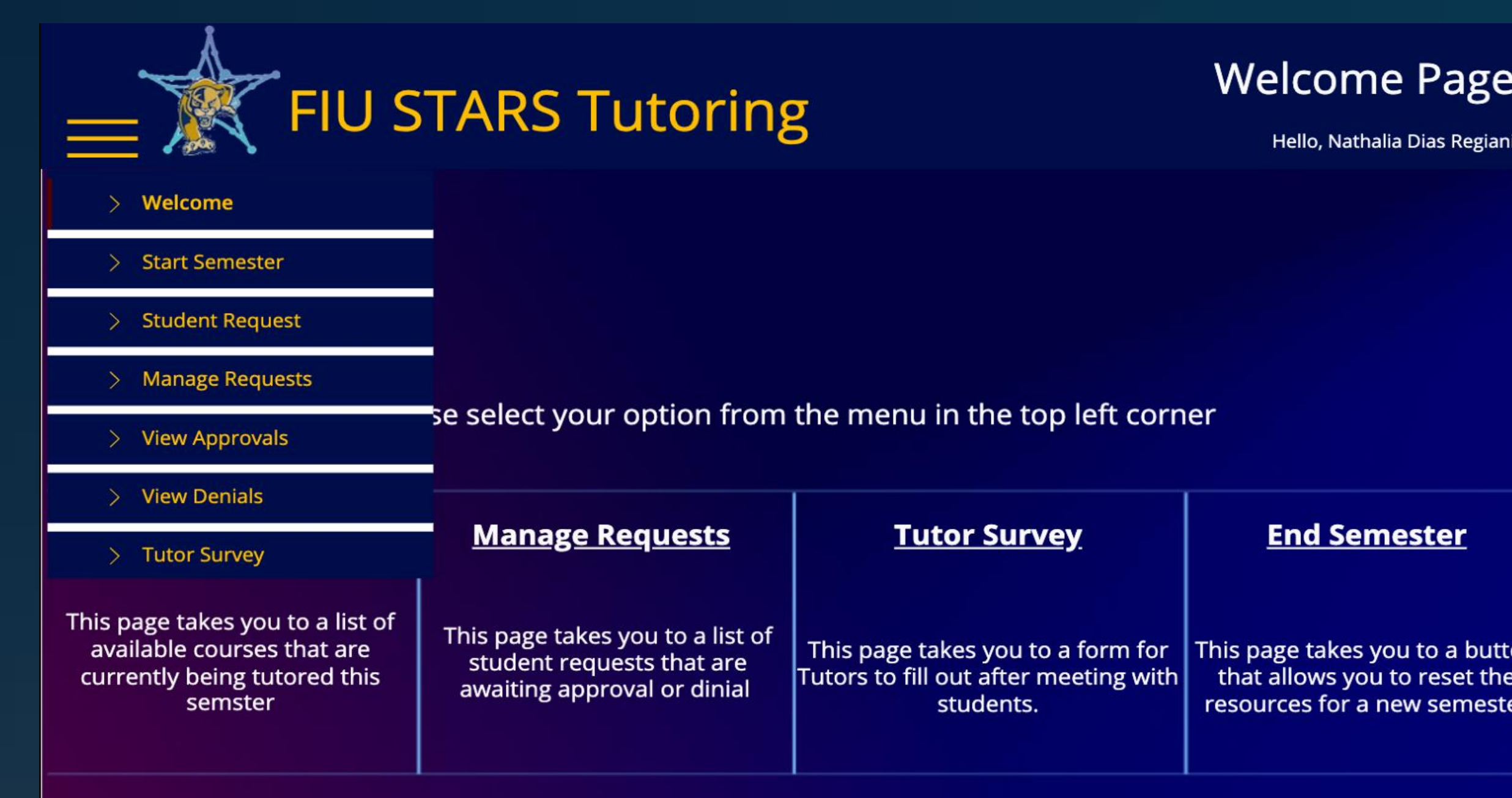


SUMMARY

Nathalia's work on the project, from detailed documentation to final deliverables, has been significant, making complex information accessible and contributing to a compelling showcase of the app's capabilities. Her adaptability in learning new software and improving user experience has reflected the project's dynamic and innovative nature. Also paying attention to potential security vulnerabilities is important to not neglect the importance of keeping the information that we're given private.

REFERENCES

- **Get Started with Power Automate by Microsoft Build**
- **Introduction to Human-Computer Interaction Design by Scott Klemmer**
- **OWASP Top 10 Security Risks**



ACKNOWLEDGEMENT

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