TSU REGISTRAR'S OFFICE: STREAMLINE APPOINTMENT SCHEDULING FOR STUDENT

PROJECT CONTEXT ...

- Tarlac State University registrar's office is a significant department

- The TSU Registrar's Office is responsible for quite a few important tasks in the university.

- The large population of students at Tarlac State University interacting with the Registrar's Office, long lines have become hassle and inefficient, leading to delays and dissatisfaction among students.

- To address these issues, a project has been proposed on implementing an appointment booking system specifically for students, faculty and staff body.

- The current TSU Registrar Office scheduling process is no longer sufficient to satisfy the demands of the large body.

- The new system aims to streamline and improve the interaction between the Registrar's Office and students, Faculties & Staff.

OBJECTIVES

- Create an appointment scheduling system for booking appointments for students, faculty, and staff.

- Provide an online platform to reduce problems and inconveniences caused by long wait times at the TSU registrar office.

- Allow students to choose available time slots for different departments at their convenience.

- Design and implement a simple, easy-to-use online appointment system to improve the efficiency of the current first-come-first-serve system at the TSU registrar office.

- Negate or possibly remove wait times and improve student satisfaction and ease.

- Minimize waiting times and prevent crowding issues in the registrar office.

- Offer a web and mobile-friendly platform for booking appointments at convenient hours from anywhere, anytime.

TESTING METHODS

1. Developer Testing

- Responsive Design Testing:
- Manual Functionality Testing:
- Cross Browser Compatibility Testing

2. FUNCTIONALITY TESTING

| Features	Testing	Input	Expected Output	Actual Output	Evaluation (Passed or Failed)
Login Authentication Feature	Validation	Correct username, wrong password	Alert "Invalid Password"	Alert "Invalid Password"	Passed
Login Authentication Feature	Validation	Wrong username	Alert "No account found with that email."	Alert "No account found with that email."	Passed
Login Authentication Feature	Validation	Correct username, Correct password	Logged In	Logged In	Passed
Sign up Feature	Validation	Missing "@" in email	Error	Error	Passed
Sign up Feature	Validation	"@" in email	Registered	Registered	Passed
Button for booking	Functional button	Clicking "book" button	Booked success	Booked success	Passed
Button for viewing your schedules	Functional button	Clicking "View Your Booked Schedules" button	Display schedule that you booked	Display schedule that you booked	Passed
Button for canceling your booked schedule	Functional button	Clicking "Cancel" button	Confirmation before action	Confirmation before action	Passed
Edit Profile feature while logged in	Validation	Wrong current password	Alert "Current password is incorrect"	Alert "Current password is incorrect"	Passed
Edit Profile feature while logged in	Validation	Correct current password	Alert "Password updated successfully!"	Alert "Password updated successfully!"	Passed
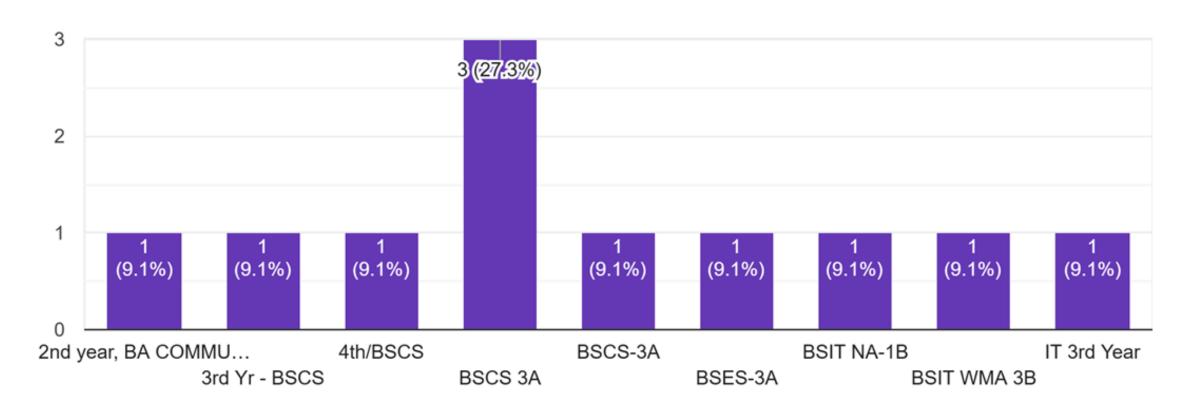
...TESTING METHODS

3. Users Testing
- Website testing to 11 users
- Survey to get the feedback for the users from the website.

RESPONDENTS FROM VARIOUS YEARS AND COURSES
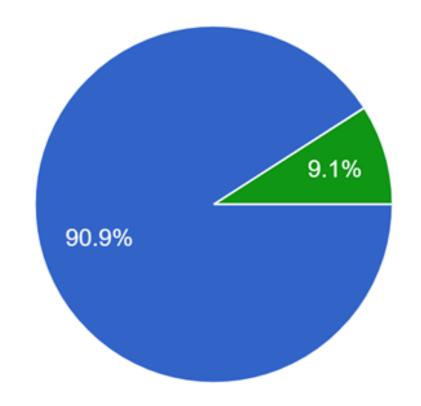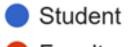

Year & Course

11 responses

USERS STATUS

What is your status at TSU?

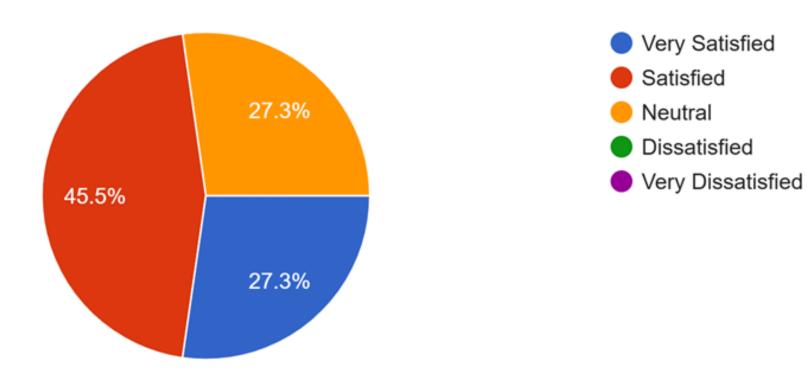11 responses

- Student
- Faculty
- Staff
- Test Student

USERS SATISFACTORY ON THE CURRENT SCHEDULING PROCEDURE

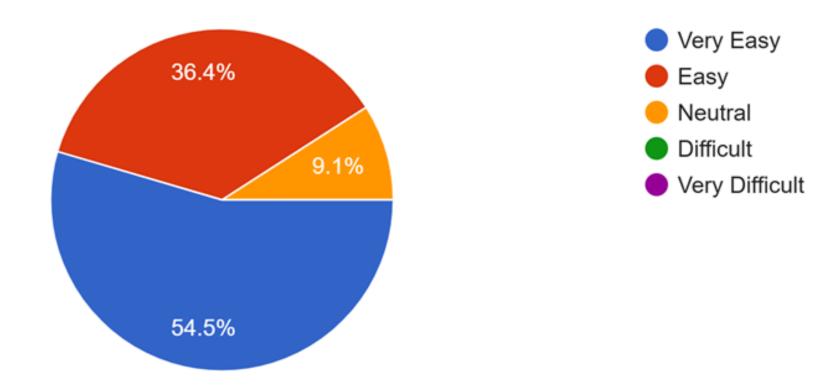How satisfied are you with the current scheduling procedure at the TSU Registrar's Office?

11 responses

- Very Satisfied
- Satisfied
- Neutral
- Dissatisfied
- Very Dissatisfied

27.3%

45.5%

27.3%

EASE OF USE OF THE PROPOSED APPOINTMENT BOOKING SYSTEM

How easy was it to use the new appointment booking system?

11 responses

- Very Easy
- Easy
- Neutral
- Difficult
- Very Difficult

36.4%

9.1%

54.5%
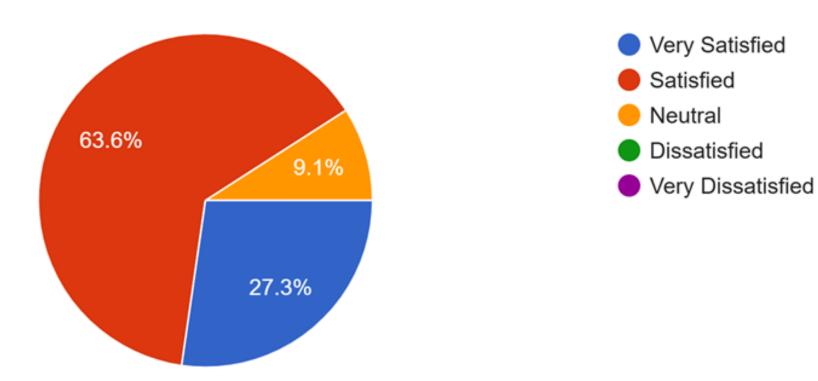
USERS SATISFACTORY WITH THE OVERALL FUNCTIONALITY

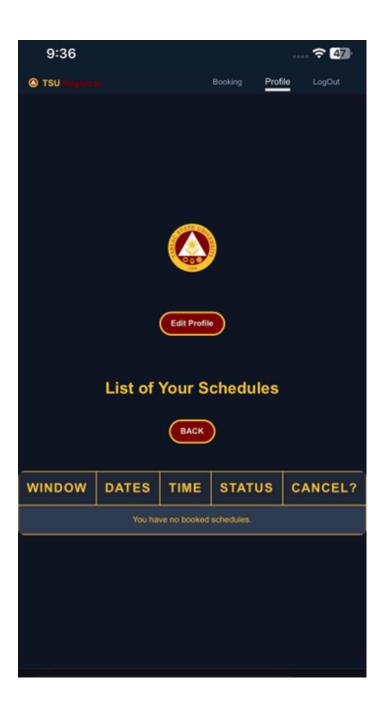How satisfied are you with the overall functionality of the proposed system?

11 responses

SCOPE AND LIMITATIONS ●●●

- The study aims to develop an appointment booking system for Tarlac State University's Registrar's Office, allowing students to log in, view, book, and confirm appointments. Developed using HTML, CSS, PHP, SQL, and JavaScript, the system is hosted on InfinityFree.
- While designed to improve convenience for TSU students and staff, the system has limitations, such as reliance on internet, potential challenges for users unfamiliar with the platform, and initial manual processes due to a lack of integration with other university systems.

PURPOSE & DESCRIPTION ● ● ●

- The TSU Registrar's Office: Streamlined Appointment Scheduling for Students project is all about making it easier and more convenient for students to connect with the registrar's office. By introducing an online platform, students can quickly book, reschedule, or cancel appointments for services like enrollment assistance, document requests, and graduation applications without the hassle of long waits. Scheduling systems enhance accessibility for students, particularly those with varying schedules, such as part-time learners or online course participants. These platforms enable students to choose available time slots that best suit their needs, fostering a more supportive learning environment.

- ·Log In and Sign Up: For login, you just need to enter your email and password. Registering is just as straightforward—provide your name, email, and password, and you're good to go.
- ·Navigation Bar: The navigation bar offers quick access to your bookings, profile, and the option to log out. It stays fixed at the top of the page, so it's always within reach, even while scrolling.
- ·Alert Box: The alert box provides users with instant feedback, notifying them when they have entered an incorrect password, successfully booked an appointment, canceled an appointment, or updated their account details.
- ·Buttons: The buttons on the website are easy to spot and work smoothly, making it simple for users to interact with the system. The color contrast and hover effects make the experience feel more engaging and interactive.
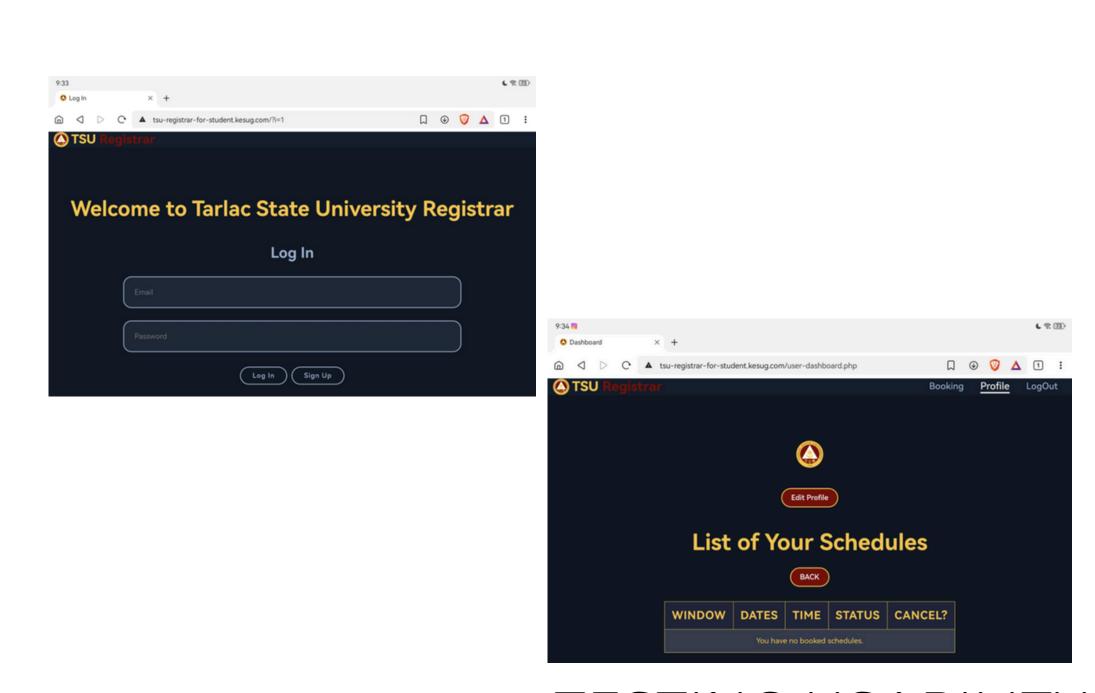
TESTING USABILITY
Cellphone View
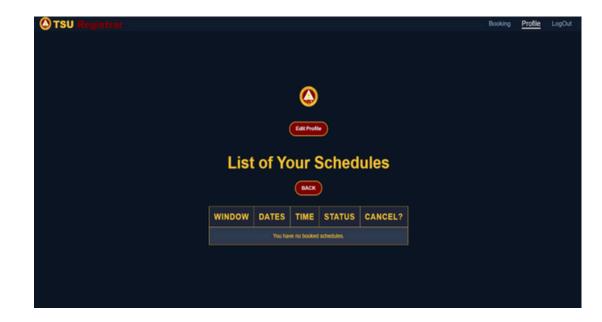
TESTING USABILITY
Tablet View

TESTING USABILITY
Desktop View

Thank you