Auto Body Shop Project

Our Auto body Shop Application is designed to enhance customers' experience with an auto body shop application. We aimed to make it easier to book an appointment, have efficient services and make purchases easier for customers. In our app users can make accounts easily with an email and a password, schedule repairs and maintenance appointments, and we also have a wide range of products. We believe this application makes it easier and save a lot of time as a user.

Our Standout Feature of the app is its real time appointment scheduling system. Customers have to make an appointment button available to them at every screen and we even have a number where they can call if they need help. Customers can also see available time slots for alot services such as an oil change. We also believe our customers are at the top of the list to make sure they are satisfied so without an appointment system we let them have the flexibility of rescheduling and cancelling appointments. With our purchase page we believe in making sure of having filters to make sure the customer can find exactly what they want with having a variety of items available. We made it really easy to add to cart and checkout safely.

Another Key Feature of our app is its UI which we built in JavaFX, FXML, CSS. We created this by making sure the design works smoothly on any desktop and that it catches the users attention. This makes sure customer satisfaction is at an all time high. We also made sure the user can go back to the home screen by being able to click the buttons for an easy traveseal to alternate screens. Our application also offers a little more about us which shows all our works and a feature that if you click on the picture you will be able to see the car closer. All user data, appointments, and transactions are securely stored by Microsoft Azure.

Ultimately, Our Auto Body Shop Application is more than booking appointments. Its a solution to manage a customer's experience from scheduling to transactions. We wanted to have a combination of convenience and security which makes it the perfect app for customers looking for an auto body Shop Applications

World Assumptions:

Users can access the internet and desktop devices.

Users are familiar with basic auto body application and scheduling concepts.

Users are interested in organizing maintenance for their vehicles

User Requirements:

User-friendly interface for easy navigation and interaction.

Ability to create, edit, and delete scheduled maintenance

Pop-up alerts and reminders for upcoming events.

Search function to find auto parts on the purchase page.

Account creation with a password.

Specifications and Interface Needs:

Options to add or remove events from the user's appointment page .

Functionality to select and display images of our cars.

Notification systems such as pop-up alerts for event reminders and updates.

Access control to manage who can view or edit calendar entries

Program and Hardware:

Database management using Microsoft Azure for data storage.