INTERACTIVE VEHICLE CONFIGURATOR
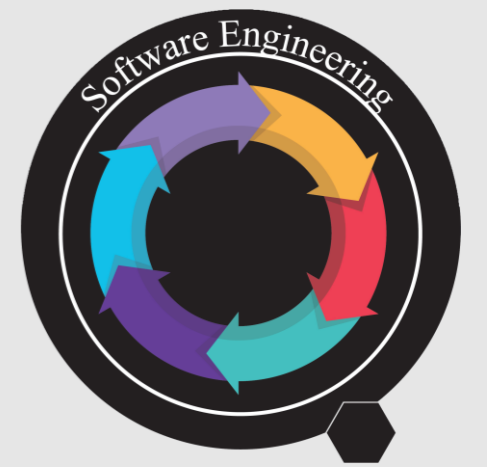
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Abstract

Our project is a web-based application that enables users to customize and visualize MAN vehicles in real-time. The application features a user-friendly interface, allowing users to select various configurations, view changes instantly, and save their preferences. By integrating comprehensive vehicle data and leveraging advanced web technologies,
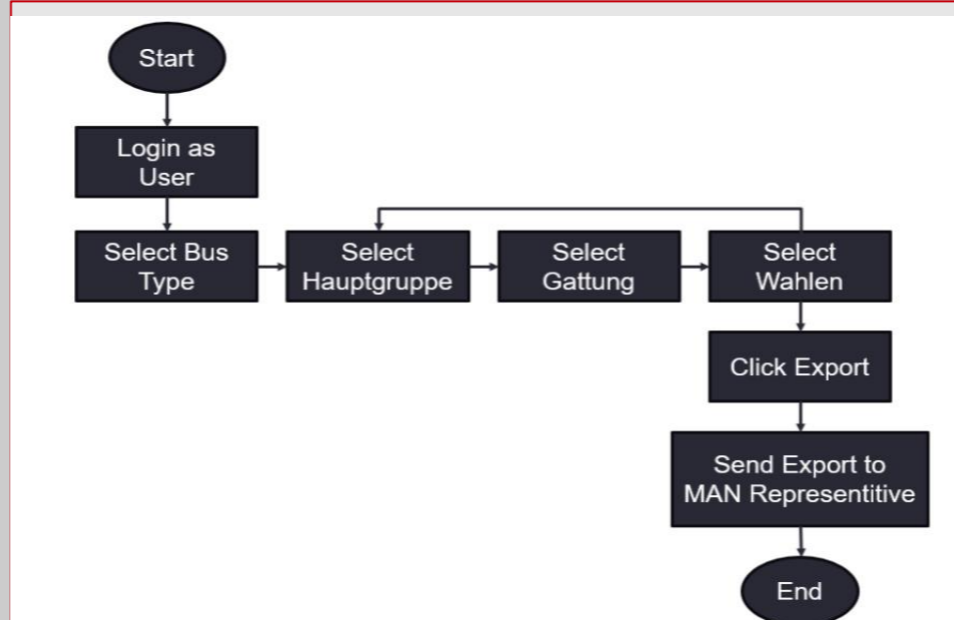
Introduction

This configurator aims to replace the traditional method of vehicle customization, which often involves complex and unclear free-text requests within the eCON system.

By introducing an intuitive and interactive platform, the configurator simplifies the process, allowing customers to visually select and customize their desired vehicles.
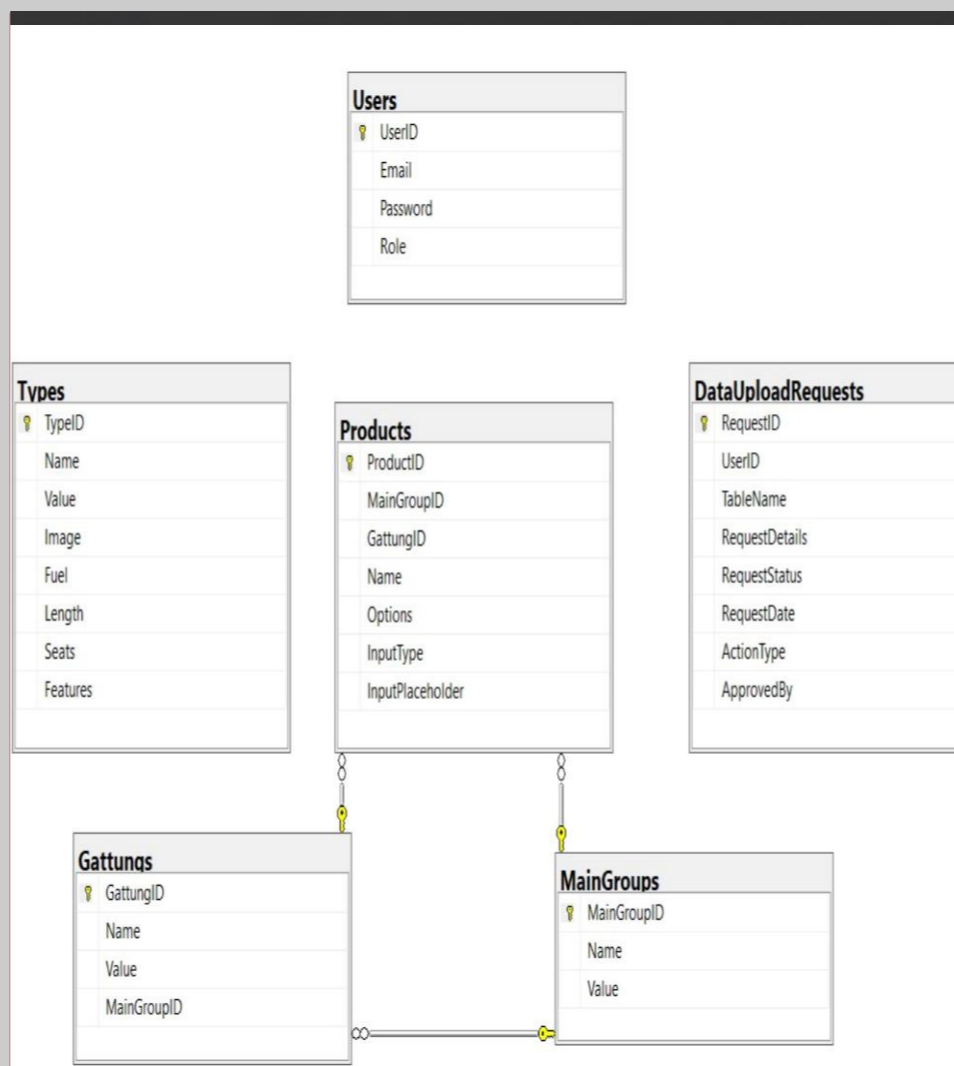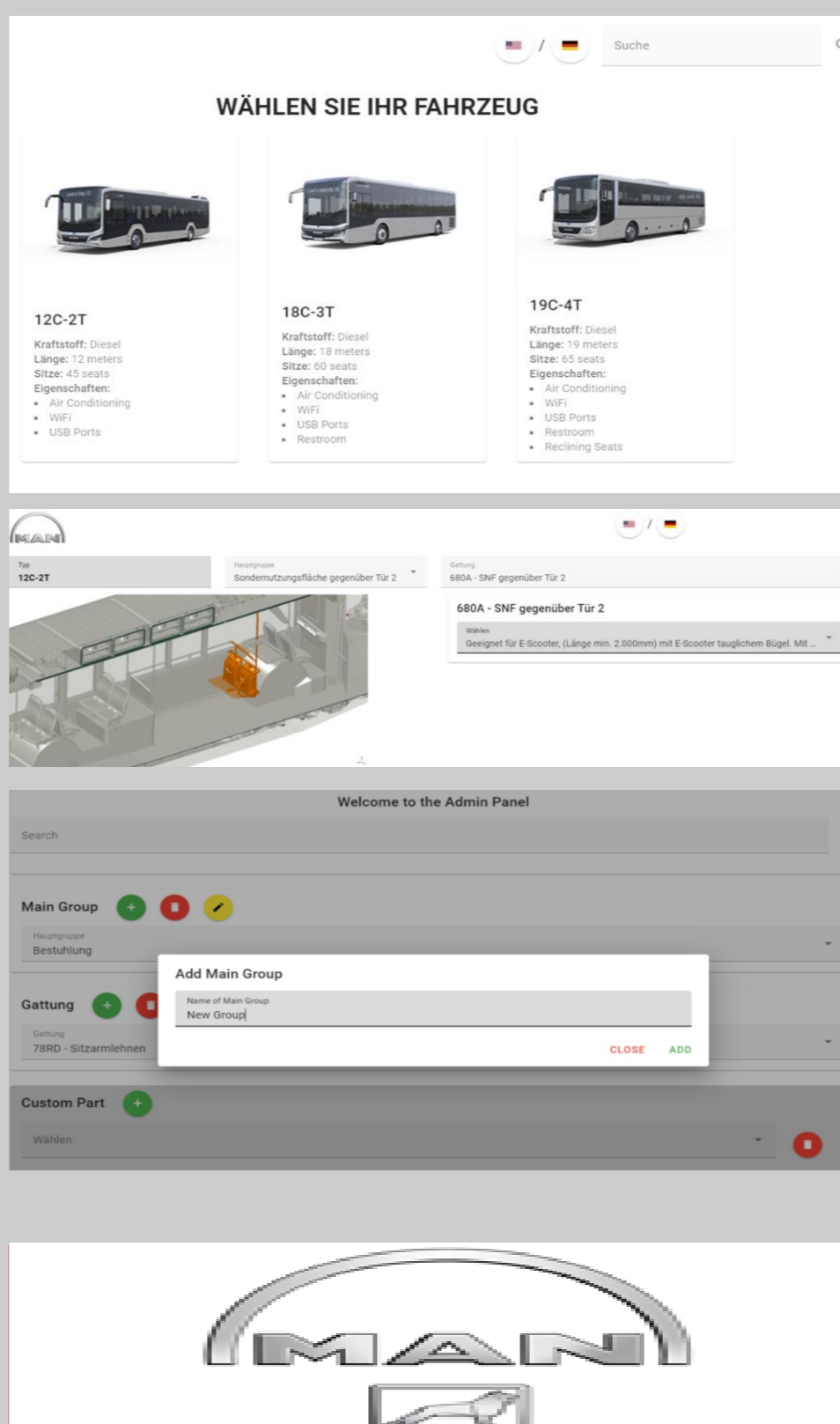
Solution

Digital transformation in the vehicle ordering process is not only expected to enhance customer experience by providing clear, visual representations of their choices, but also aims to streamline communication between customers and MAN, reducing the likelihood of errors and misunderstandings.

The configurator will offer a wide range of customizable options, including exterior and interior features, and will be seamlessly integrated with MAN's existing systems, ensuring a smooth transition and operation.

This project is a significant step towards modernizing the vehicle ordering process, aligning with current technological advancements and consumer expectations.

Figure 1 - Flowchart

Figure 2 – Database

Company Info

MAN is well-positioned to meet the needs of various sectors through its diverse range of high-quality trucks and buses. The company's focus on innovation, sustainability, and customer satisfaction makes it a leading choice for logistics, public transportation, and construction companies both in Turkey and across its export markets.

Results & Conclusion

We developed a web-based application that allows users to customize and visualize MAN vehicles interactively. We focused on implementing a user-friendly interface, integrating vehicle data, and ensuring updates for configuration options.

Our project allows users to access in-depth information about bus types and models, enabling them to visualize their selections with enhanced clarity. The configurator's visual aids offer a unique opportunity for customers to view and refine their vehicle choices in real-time before placing an order.

Acknowledgement