
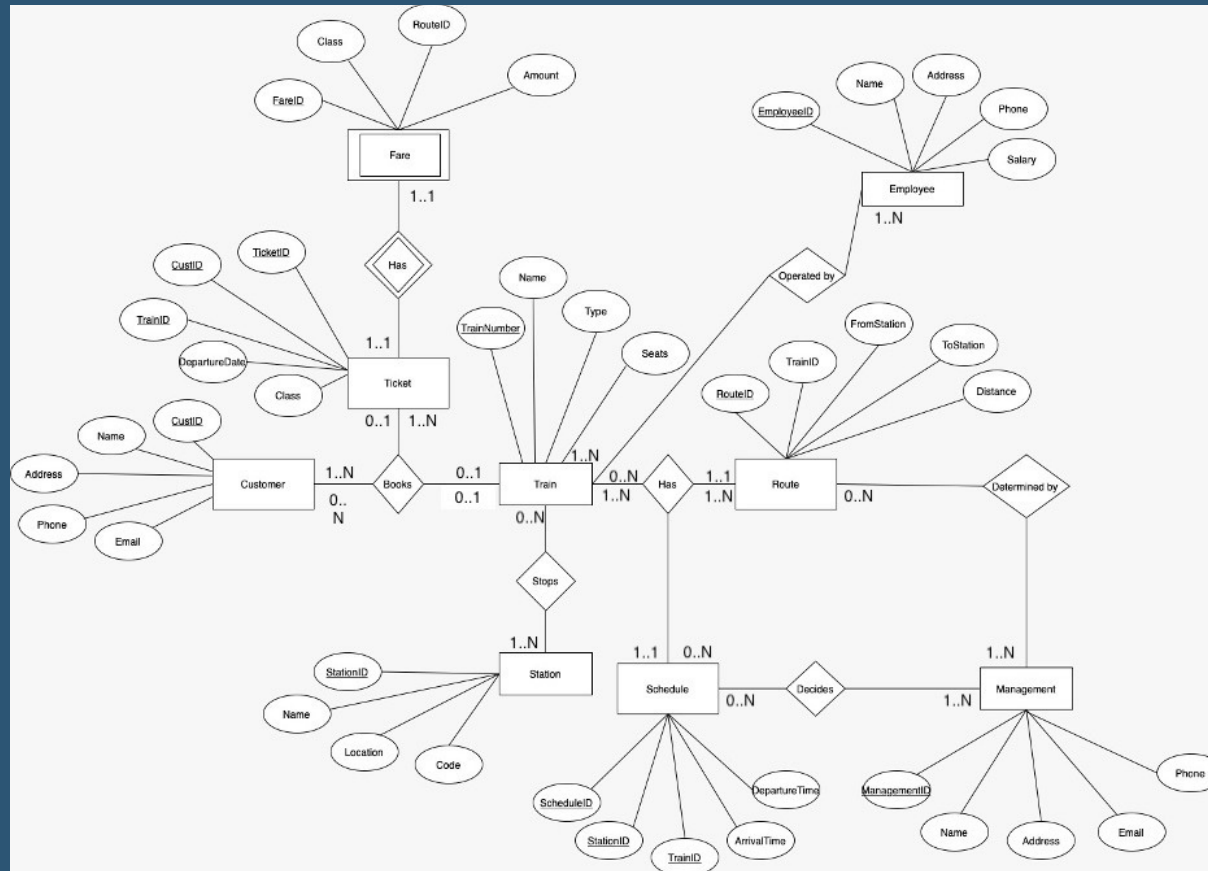


Problem Statement

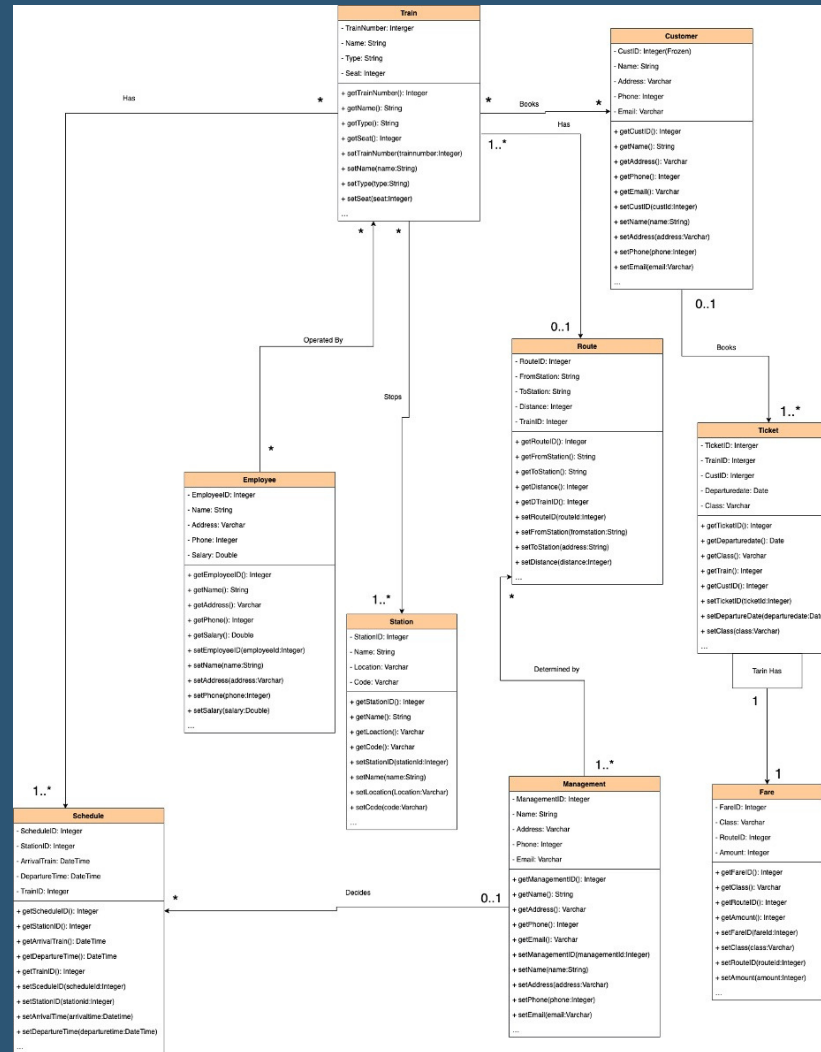
The railway reservation system is important for resource efficiency and passenger flow control. However, the current manual system has issues like long wait times, ticket shortages, and lack of transparency. We propose a project to automate the reservation process and provide a smooth experience for passengers. We'll use the latest technology and best practices for database management in a centralized database system. The aim is to develop a reliable and effective reservation system that enhances customer satisfaction, streamlines business processes, and boosts the railway company's reputation.

A decorative graphic consisting of a series of white dots and short horizontal dashes, arranged in a curved, upward-sloping path from the bottom right towards the center of the slide.

EER Diagram



UML Diagram





Scope of analytics

- **Railway reservation system database can be leveraged to answer a variety of business problems, such as optimizing train schedules, forecasting demand for specific routes, analyzing passenger behavior patterns, and identifying areas for improvement in the reservation process.**
- **It can also enable railway companies to make data-driven decisions, such as improving customer experience, enhancing operational efficiency, and maximizing revenue.**
- **By leveraging analytics with a railway reservation system database, railway companies can gain valuable insights and make informed decisions that can positively impact their bottom line and overall performance.**



Thank
You!