The clothingstoreApp is designed to manage and calculate costs for a clothing store. It includes arrays to store usernames and passwords, item names, and their prices. The class provides methods to retrieve the username and password, get the price of an item based on its name, and return the list of item names. It also includes methods to calculate the cost of items based on quantity, determine the applicable tax using a predefined tax rate (0.08), and the total cost by adding the calculated tax to the base cost.

In the JavaFX application the graphical user interface is for the clothing store. This application is built upon the ClothingStore class, which manages stores data, including user credentials, item names, prices, and calculation methods for costs and taxes. In ClothingStoreapp1, the start method sets up the primary stage with a login scene and a store scene. The login scene includes input fields for the username and password, while the store scene allows users to select items, input quantities, and calculate costs and taxes. Interaction with the ClothingStore class is evident in the login validation process and when retrieving item details and calculating prices. The LoginSystem method uses ClothingStore methods to validate user credentials, and the item selection and cost calculation utilize methods from ClothingStore to get item prices and perform calculations.