import javafx.application.Application;

import javafx.collections.FXCollections;

import javafx.collections.ObservableList;

import javafx.geometry.Insets;

import javafx.geometry.Pos;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.ListView;

import javafx.scene.control.TextField;

import javafx.scene.layout.GridPane;

import javafx.scene.layout.HBox;

import javafx.scene.layout.VBox;

import javafx.stage.Stage;

public class MyApp extends Application {

private ListView<String> itemsListView;

private ObservableList<String> itemsList;

@Override

public void start(Stage primaryStage) throws Exception {

itemsList = FXCollections.observableArrayList();

itemsListView = new ListView<>(itemsList);

TextField nameField = new TextField();

nameField.setPromptText("Название");

TextField descriptionField = new TextField();

descriptionField.setPromptText("Описание");

TextField quantityField = new TextField();

quantityField.setPromptText("Количество");

TextField priceField = new TextField();

priceField.setPromptText("Цена");

Button addButton = new Button("Добавить");

addButton.setOnAction(e -> {

String name = nameField.getText();

String description = descriptionField.getText();

String quantity = quantityField.getText();

String price = priceField.getText();

String newItem = String.format("%s - %s, Quantity: %s, Price: %s", name, description, quantity, price);

if(!newItem.trim().isEmpty()) {

itemsList.add(newItem);

nameField.clear();

descriptionField.clear();

quantityField.clear();

priceField.clear();

}

});

Button removeButton = new Button("Удалить");

removeButton.setOnAction(e -> {

String selectedItem = itemsListView.getSelectionModel().getSelectedItem();

if(selectedItem != null) {

itemsList.remove(selectedItem);

}

});

GridPane inputGrid = new GridPane();

inputGrid.setHgap(10);

inputGrid.setVgap(10);

inputGrid.addRow(0, nameField, descriptionField);

inputGrid.addRow(1, quantityField, priceField);

HBox inputBox = new HBox(10, inputGrid, addButton);

inputBox.setAlignment(Pos.CENTER);

VBox root = new VBox(10, itemsListView, inputBox, removeButton);

root.setPadding(new Insets(10));

root.setAlignment(Pos.CENTER);

Scene scene = new Scene(root, 600, 400);

primaryStage.setTitle("My App");

primaryStage.setScene(scene);

primaryStage.show();

}

public static void main(String[] args) {

launch(args);

}

}