LoginList

**A screenshot of a computer

Description automatically generatedMainPage Class Properties**

Username: Static property to get or set the username.

IsLoggedIn: Static property to determine if the user is logged in.

usersDict: A dictionary to store user credentials.

Constructor

MainPage(): Initializes the MainPage, setting up the user dictionary with default credentials.

Methods

LoginBtn\_Clicked(object sender, EventArgs e): Handles the login button click event. Validates user input, checks against stored credentials, and navigates to the ListPage accordingly.

ListPage Class

Properties

viewModel: Instance of ListPageViewModel used for data binding.

Constructor

ListPage(): Initializes the ListPage, sets up the ViewModel, and adjusts UI elements based on the login status.

Methods

AddItem\_Clicked(object sender, EventArgs e): Handles the add item button click event. Adds a new item to the ObservableCollection.

InsertItem\_Clicked(object sender, EventArgs e): Handles the insert item button click event. Inserts a new item after the selected item in the ObservableCollection.

DeleteItem\_Clicked(object sender, EventArgs e): Handles the delete item button click event. Deletes the selected item from the ObservableCollection.

ClearList\_Clicked(object sender, EventArgs e): Handles the clear list button click event. Clears all items from the ObservableCollection.

SaveToFile\_Clicked(object sender, EventArgs e): Handles the save to file button click event. Saves items from the ObservableCollection to a text file.

LoadFromFile\_Clicked(object sender, EventArgs e): Handles the load from file button click event. Loads items from a text file into the ObservableCollection.

Logout\_Clicked(object sender, EventArgs e): Handles the logout button click event. Navigates back to the MainPage.

Generate\_Clicked(object sender, EventArgs e): Handles the generate button click event. Generates and adds five default items to the ObservableCollection.

**A screenshot of a list of text

Description automatically generatedListPageViewModel Class Properties**

Items: ObservableCollection of strings to store and bind to a list of items.

Methods

AddItem(string text): Adds a new item to the ObservableCollection.

InsertItem(string text, string selectedItem): Inserts a new item after the selected item in the ObservableCollection.

DeleteItem(string selectedItem): Deletes the first occurrence of the selected item from the ObservableCollection.

GenarateItems(): Generates and adds five default items to the ObservableCollection.

ClearList(): Clears all items from the ObservableCollection.

SaveToFile(): Saves items from the ObservableCollection to a text file.

LoadFromFile(): Loads items from a text file into the ObservableCollection.