

## User Manuel

### Overview:

Our application creates a play list which depends on the location that you chose and the user's preferred filters.

At first when you start the app, you go to the welcome window, where you can choose either to register as a new user, login as an old one or close the app.

If you decide to login as an already signed user, you go to a different window where you are requested to fill in your user name and password.

The app sends a query to the Data Base to check whether the user exist, if not, you get a warning and ask the type again a correct user name and password, if the user name exist you are referenced to another window, play list window, where you have your saved playlist.

If you decide to register as a new user you are moving to the registration window, there you are requested to fill a new user name and password, so the app can go to the Data Base to register you as a new user. After that you're moving to the location map chooser window.

In the location map chooser window, you see a map. You can press anywhere on the map to get the coordinates of that location. The app sends a query to the Data Base to get the top 10 nearest countries to the location that you chose on the map, grouped them by country and ordered them by most songs in each country.

In that window you can choose which countries do you want in your playlist.

The next window is the play list editor window. In that window you can erase songs you don't like in the list and you can also filter you're play list by duration, hotness and tempo.

When you'll submit your preferences, you'll move to the final window, the playlist window, where you can see your chosen playlist and move to the various windows again to change your preferences.

**By class:**

**Main Window**

The main window is the first window you see when you open the app.

In the main window the only button is 'Continue' which bring you to the next window, the login window.

**Login Window**

In the logging window you have two slots where you need to fill in your user name and password and a button 'Submit' to search the user in the Data Base. If you won't fill one or both slots, you won't be able to submit your answer and you get a warning that at least one of the boxes is empty.

Also, if you try to log in with a user which doesn't appear in the data Base you get a warning that the user doesn't exist and to try again.

The last button in this window is the 'SignUp' button, which take you to the registration window if you don't have a user in the Data Base.

**Registration Window**

In the registration window you have two slots where you need to fill in your user name and password and a button 'Submit' to search the user in the Data Base and check if the user is already exist, if it does you get a warning about that and you won't be able to continue to the next window until you change it.

If the user doesn't exist, you'll move to the choose location window.

Next to the 'Submit' button appears the 'Reset' button which clear the user name and password boxes.

The last button in the window is the 'Login' Button which appear at the top right side of the window that take you back to the login window.

### **Choose Location Window**

In this window you see the world map.

You can press on the map with your mouse and see a red dot on that spot.

After you press on the map you can press on the button 'Next' which send a query to the Data Base the check the top 10 nearest countries to that location, by checking their altitude and multitude, and order them by most songs in each country. After that you'll move the country chooser window.

### **Country Chooser Window**

In this window you see 8 countries, the number of songs in each one and a check box next to each one of them.

At the bottom of the window you see two buttons, 'Continue' and 'Choose Random'.

If you press 'Choose Random' you'll go to playlist window with all the songs that doesn't have altitude and multitude information in the Data Base.

If you press 'Continue' you'll go to the playlist window with all the songs in the countries that you checked in the check boxes.

If you press 'Continue' without checking any box, you will not be able to proceed and you'll get a warning that you need to check at least one box.

### **Playlist Window**

In this window we see the playlist we have chosen.

With the headers: Song, artist, Album, Genre, Hotness, Duration and Year.

By clicking on the headers, the playlist will be sorted by pressed category.

If one category is missing to a song in the Bata Base there will be '\*' instead.

There is an option to increase the size of the window by pressing the squared button at the top right side of the window.

We also have two more buttons in this window:

1)'Save And Exit' which save the user and its associated information in the Data Base and bring you back to the Main window.

2)'Edit' which bring you to the window Playlist Editor.

### **Playlist Editor Window**

In this window we see the same playlist we saw at the playlist window plus the button 'Remove' that will remove the pressed song in the playlist from it.

At the left side of the window we have two lists: "genre:" and "Tempo:" which presents their info according to the songs that shown on the playlist.

When a song gets deleted from the playlist, the lists info changes accordingly.

At the bottom left we see three buttons:

1)'Submit', which take you back to Playlist Window with the presented playlist.

2)'Reset', which return the playlist to the original state when it was when you entered the "Playlist Editor Window".

3)'Filter', which change the playlist to presents only the songs that fit to the criteria that pressed on the "genre:" and "Tempo:" lists.

If none had pressed on the lists, nothing will happen.

### **For the grader**

To login as an admin you need to go to the login window and log:

Username: admin

Password: adminadmin

This will get you a user who have all the songs in the Data Base in his playlist.

To check that the login is working for a regular user enter:

Username: user

Password: 1234

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