External part of the Project

Package “Archivos”:

In this package contain all txts are CDs(music, movies), Pre-orders, account of users and details shop.

Package “Archivos.Canciones”:

In this package contain the music with extension .mp3.

Package “Codigo”:

In this package contain twelve class of code:

CRUB\_Discos:

This class contain the code for read and write of txts and use in the program.

And have two methods for send emails of music and movies CD.

Codigo\_Login:

This class have a method its function is check if the account and password is equals.

Codigo\_Reportes:

This class contain nine methods.

two take the major and minor CD of genre and return it.

Other take the alls CD of a user and return the more purchased.

Other method return a list with all users of music

Other return the more purchased of genre of music

return the more purchased for genre of movie

Other method return a list with all users of movie

Other return the more purchased of genre of movie

Method return all CDs in range of dates for movie and music

Control\_Musica\_Web:

This class contain three methods:

One Stop the music

Other Play the music

And the last Open a URL on the Web

Envios\_Correos:

This class have a method that sends an email

Graficos:

This class contains 5 methods:

The first method graph the first report

The next method graph the report 4

Other graph the report 2

Next graph report 5

The last graph report 3 and 6

Metodos\_Compras:

The first method return the date

Next return the position of the music disk

Next return the position of the movie disk

Other method send the disk purchased and check the amount disk

The last method return the sum of the all CDs of the client

Metodos\_Para\_Ventanas:

This class contain two methods:

The first return the position of the music disk in the arraylist

The other return the position of the movie disk in the arraylist

Modelo\_Tabla:

This class contain nine methods:

The first recieves a table and parameter for search music disk and set the information

The second method is same of the first but this search movie disk

Other method add music disk in a two-dimensional array

The next method add movie disk in a two-dimensional array

Next method return the name of the disk in a table

Other method clean a table especific "Tabla\_Compras"

The following 2 methods update music or movie table

The las method remove a disk of “Tabla\_Compras”

Reg\_Usuario:

This class contain 2 methods:

The first check the information of the user

The second sabe the information of the user

The following method renders the table and adds a button

Verificar\_En\_Archivo:

This class contain five methods:

Check if the name of a music or movie disk is repeated

Return a list with all pre-order discs

Add in the table all pre-order discs

Return a list with all purchased discs

Add in the table all purchased discs

Package “Codigo\_Archivos”:

Buscar\_Info\_Archivo:

This class contain ten methods:

The first method check if the account is equals

The second method return all music discs of a genre

The third method return all movie discs of a genre

Other method return the information for genre to the second report

Other method return the information of music discs for genre and user to the second report

The following method is the same as the previous one but they are movies discs

The next method return the information the report four from discs movie

Other method return the information for genre to the second report from discs movie

Other methods return a user

The last method return the purchased discs

CRUB\_Archivos:

This class contains nine method:

The first Save the music disc information in the file

The second Save the movie disc information in the file

The third Search the information of the movies in the file

The next Search the information of the music disc in the file

Other Check if a disk already contains a preorder

Other Update the music disc information in the file

The following is the same but with movies

Other Send the information of the disk to be updated

Other Add purchase information to the file and perform the preorders if there are no discs

The next method delete a pre-order

Next method return arraylist the pre-order discs

The last method return arraylist the purchased discs

Cuentas\_Usuarios:

This class contain two methods:

The first Check the account start information

The other Search an account in the file

Reg\_Usuari:

This class contains two methods:

The first Verify if the username is available

The other Save the user information in the file

Package Objetos:

This package contain five object:

Catalogo\_Musica: This get and set the information of music disk

Catalogo\_Peliculas: This get and set the information of movie disk

Dato\_Compras: This get and set the information of a disk purchased

Dato\_Pre\_Orden: This get and set the information of a disk but if it’s not purchased and send to the preorder txt

Datos\_Catalogo: This object is the father of the “Catalogo\_Musica” and “Catalogo\_Peliculas”