



UNIVERSITÀ DI PISA

Large-scale and Multi-structured Databases

GameBase Application User Guide

Table of Contents

How to Launch the Application	1
Application GUI Guide	2
Login Page	2
Home Page.....	3
Game Search Page	4
Game Information Page	5
User Account Information Panel	6
Search Users Page	7
Statistics Page	8
Administration Control Panel	9

How to Launch the Application

- 1) The computer on which to launch the application should reside in or be connected through VPN to the UNIFI internal network to allow the connection to the databases used by the application.
- 2) The application graphical user interface (GUI) can be started by launching the application from the “GraphicInterface” class (which is defined in the “InnovativeSolutions\src\main\java\graphicInterface\GraphicInterface.java” file).
- 3) Once the graphical user interface has started, the application functionalities can be used by registering as a new user or by logging in with one the following sample credentials:

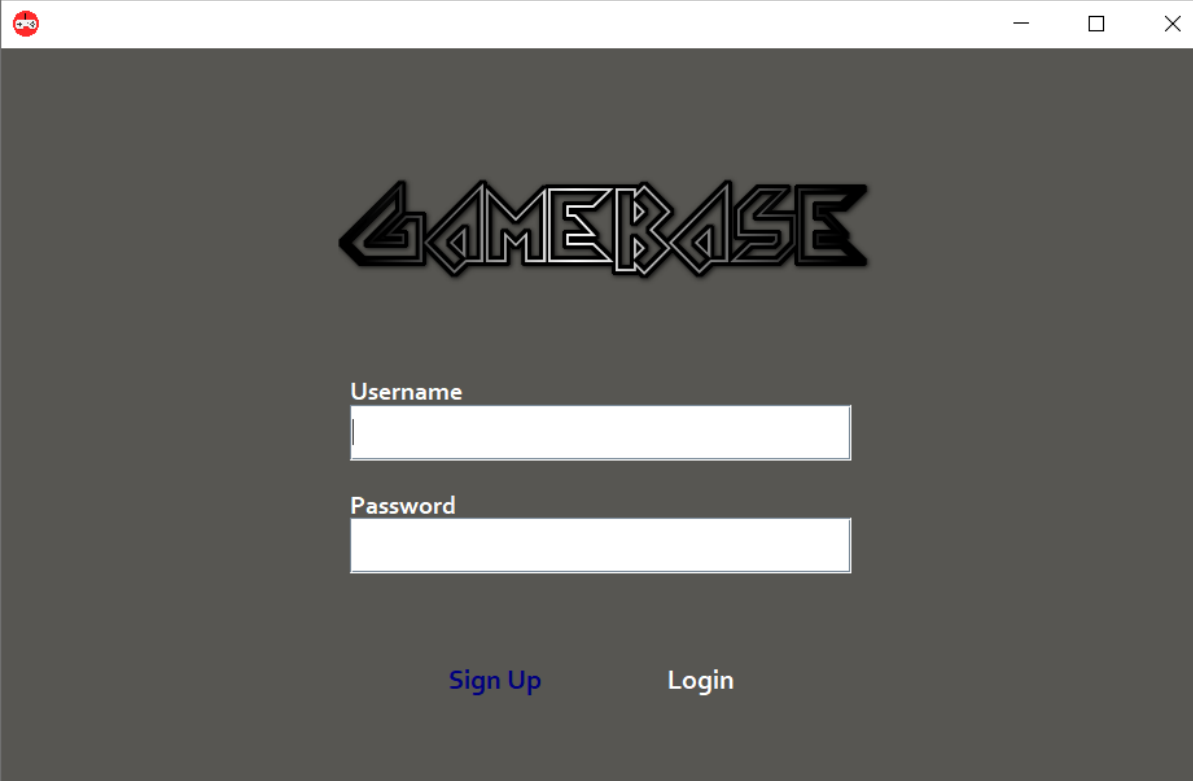
Username	Password	User Type
admin	adminPassword	ADMINISTRATOR
adrian	adrianPassword	ANALYST
laura	lauraPassword	ANALYST
adri	adriPassword	STANDARD USER
Gabriel	GabrielPassword	STANDARD USER
magicBob	magicBobPassword	STANDARD USER

It should also be noted that, in the unlikely event of an unrecoverable error within the application, the “cache” subfolder in the project directory should be deleted to ensure the client side key-value database to operate properly in the next execution.

Application GUI Guide

Below are shown all the windows comprising the application's graphical user interface, along with the offered functionalities:

Login Page



The screenshot shows a window titled "GameBase" with a dark gray background. At the top center is the "GAMEBASE" logo in a stylized, outlined font. Below the logo are two white input fields. The first field is labeled "Username" and the second is labeled "Password". At the bottom of the window, there are two buttons: "Sign Up" in blue text and "Login" in white text.

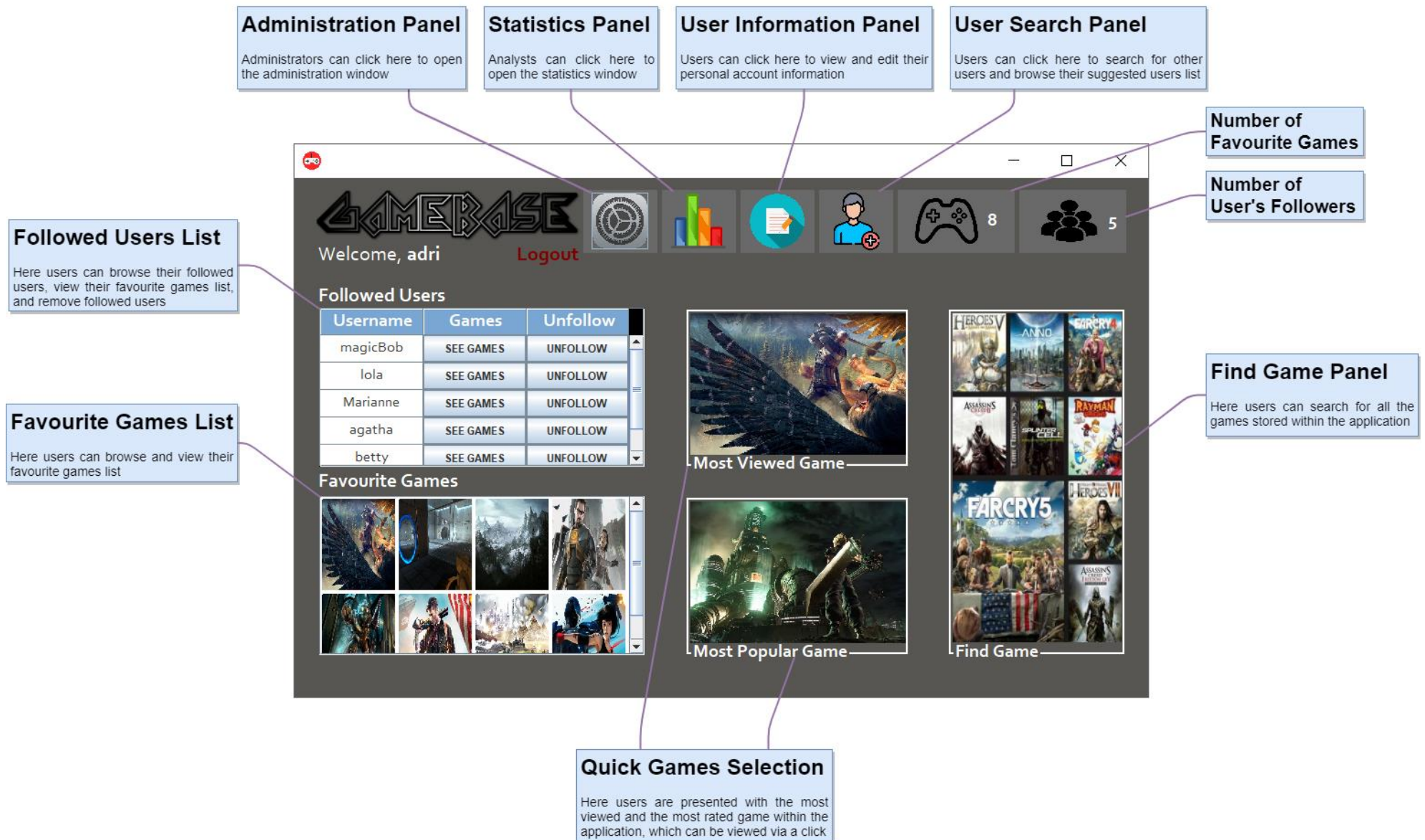
GAMEBASE

Username

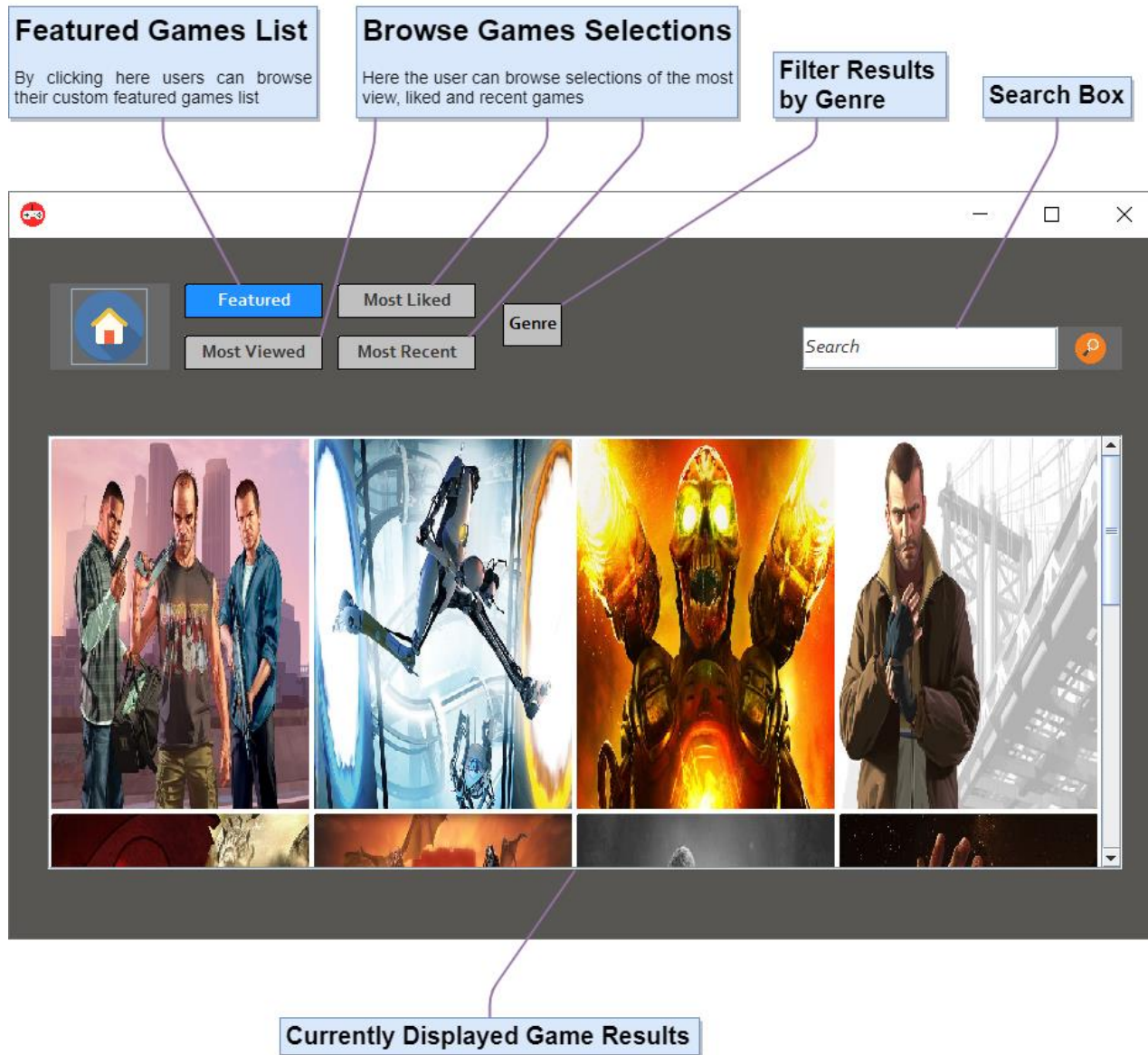
Password

Sign Up Login

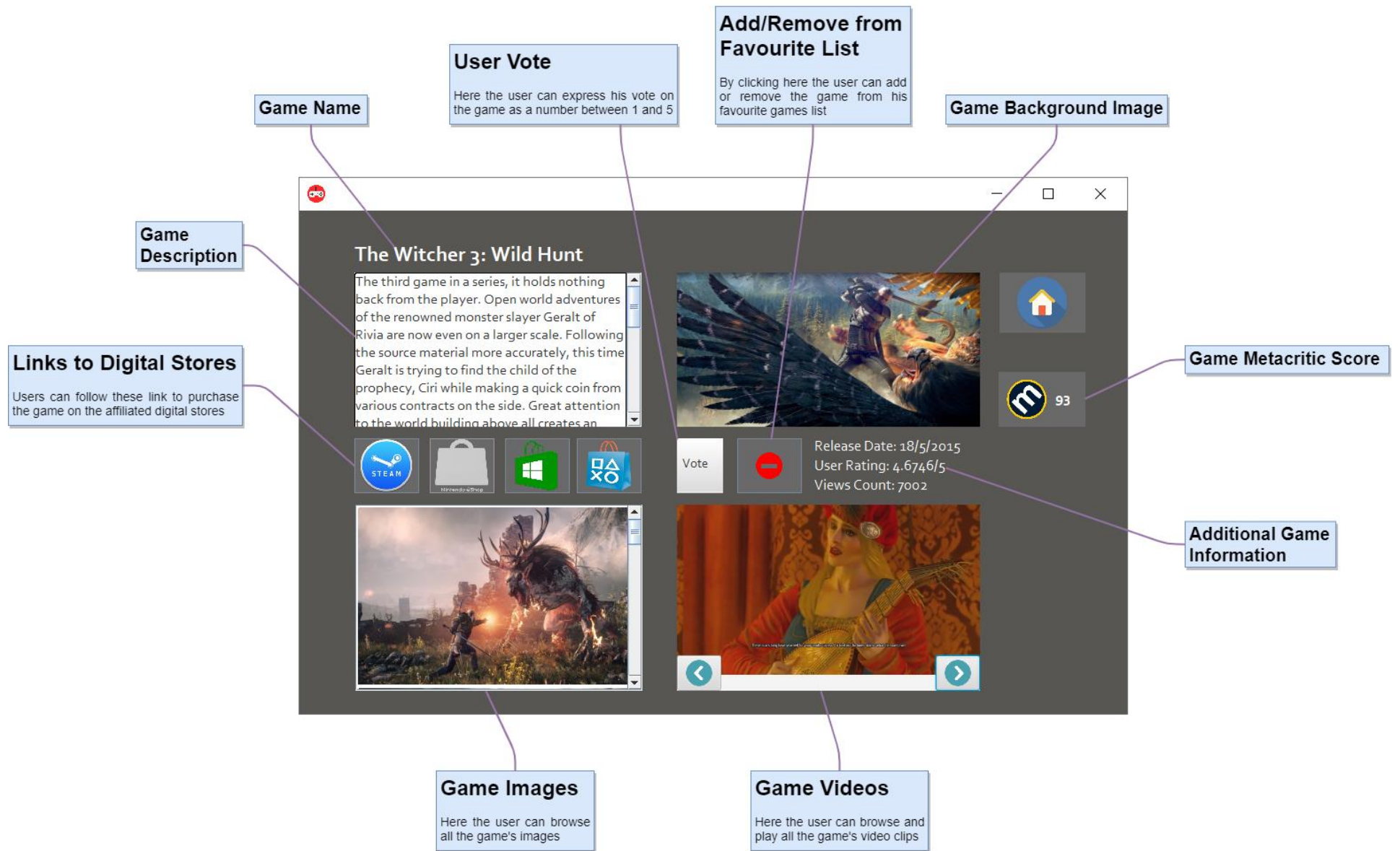
Home Page



Game Search Page

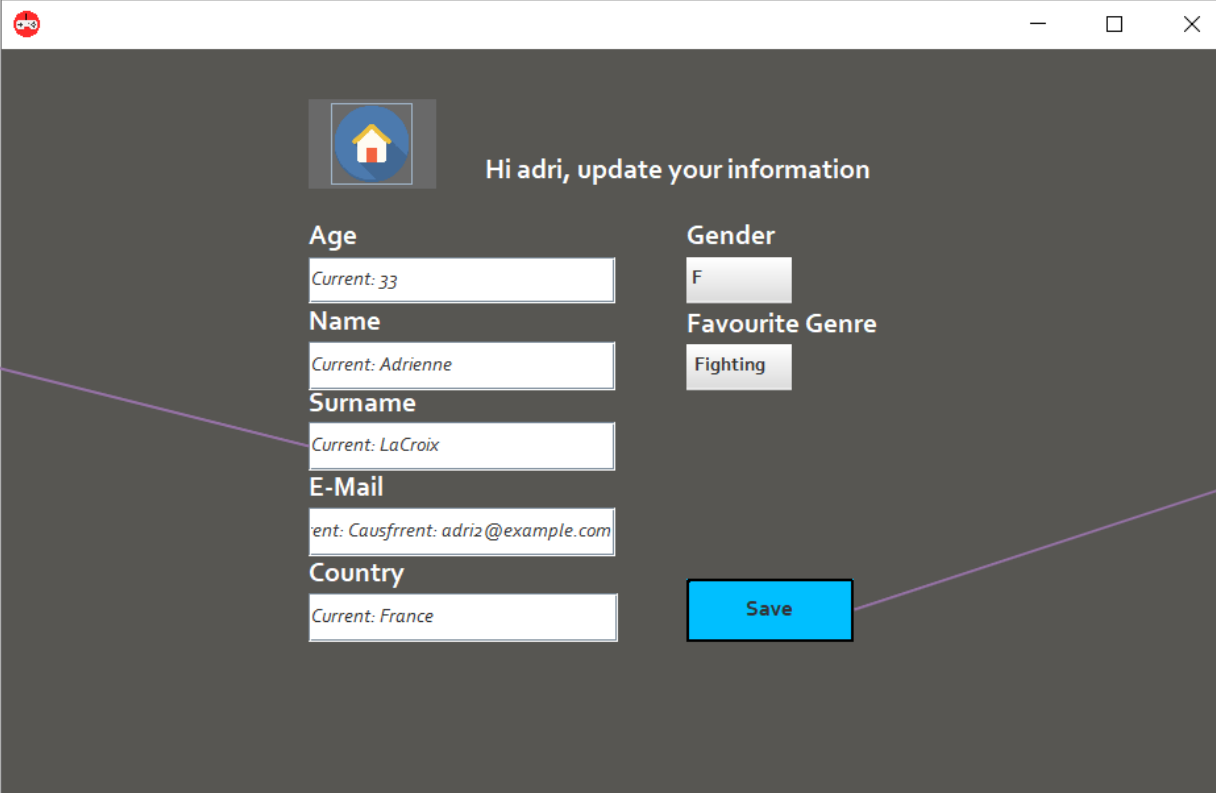


Game Information Page



User Account Information Panel

Account Information
Here the user can view and edit his personal account information



The image shows a web application window titled "User Account Information Panel". The window has a dark gray background and a light gray header bar with a red "GPG" logo on the left and standard window controls (minimize, maximize, close) on the right. Below the header, there is a profile picture placeholder (a blue circle with a white house icon) and a greeting "Hi adri, update your information". The main content area is divided into two columns. The left column contains five text input fields with labels "Age", "Name", "Surname", "E-Mail", and "Country". Each field has a "Current:" label and a value: "33", "Adrienne", "LaCroix", "adri2@example.com", and "France" respectively. The right column contains two buttons: "F" for "Gender" and "Fighting" for "Favourite Genre". At the bottom right of the form is a blue "Save" button. A purple line connects the "Account Information" text box to the form area, and another purple line connects the "Save Updated Account Information" text box to the "Save" button.

Field	Current Value
Age	33
Name	Adrienne
Surname	LaCroix
E-Mail	adri2@example.com
Country	France
Gender	F
Favourite Genre	Fighting

Save Updated Account Information

Search Users Page

Featured Users List

By clicking here users can browse their custom featured users list

Search Box

Featured/Search Results

Here users can browse their featured/search users results, add users to their followed list and browse the games of followed users

Hi adri!

Here you can search for other users.

Featured

Search User

Username	Name	Surname	Age	Country	Fav.Genre	Followers	Games	Action
matty	Matthew	N/A	39	England	N/A	3	x	FOLLOW
eth	Ethan	N/A	40	Canada	Shooters	3	x	FOLLOW
Philip	N/A	N/A	21	England	N/A	3	x	FOLLOW
anto83	N/A	N/A	25	N/A	Shooters	2	x	FOLLOW

Currently Displayed: magicBob's Games.

Followed Users Favourite Games List

Here users can browse the favourite games list of their followers, where additional information on a specific game can be viewed by clicking on it

Statistics Page

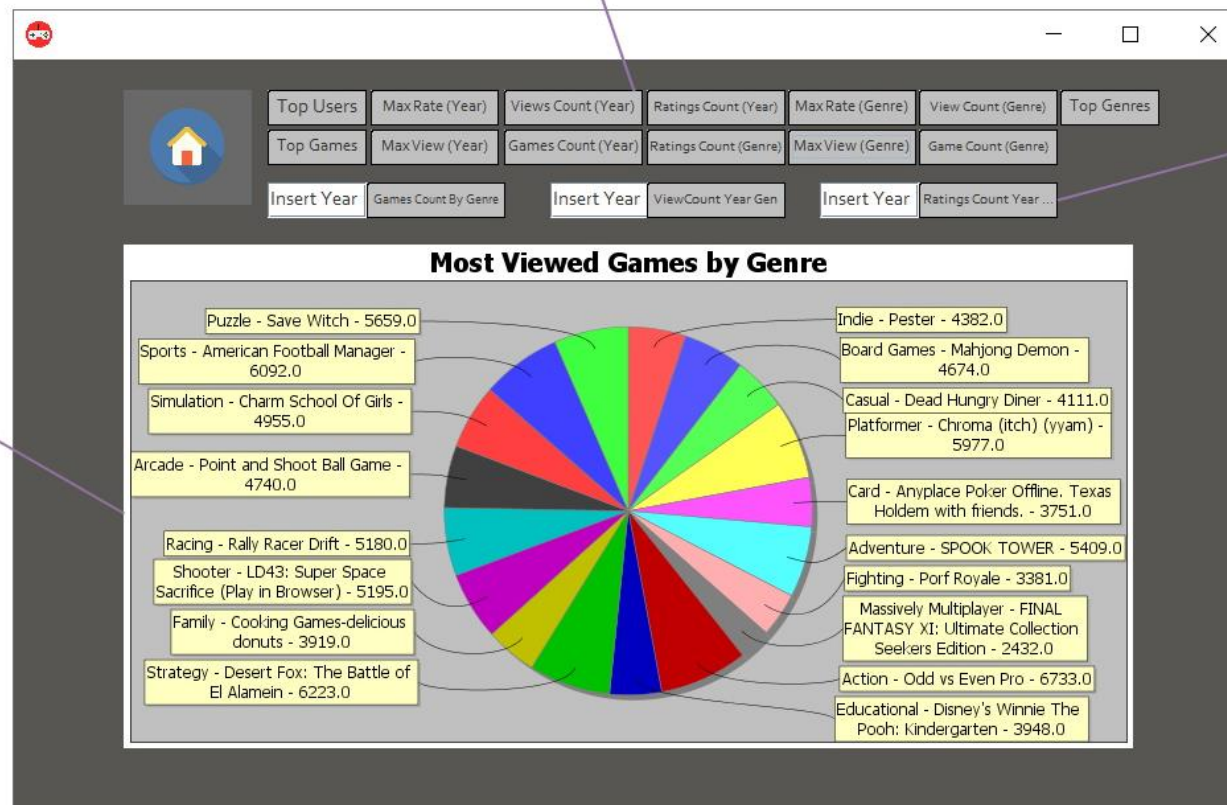
Available Statistics List

Here analysts can choose and view all the different statistics offered by the application

Statistics Filtering

A selection of statistics allowing for different filters is offered here

Currently Displayed Statistic



Administration Control Panel

