GamerList User Manual

Large-scale and Multi-structure Databases

UNIVERSITÀ DI PISA

Edoardo Cogotti, Francesco Pesciatini, Anna Fabbri

17/02/2022

Table of Contents:

Introduction to Launching the Application

The application GamerList in order to be launched must reside in or be connected through VPN to the UNIPI internal network to allow the connection between application and database cluster used by it.
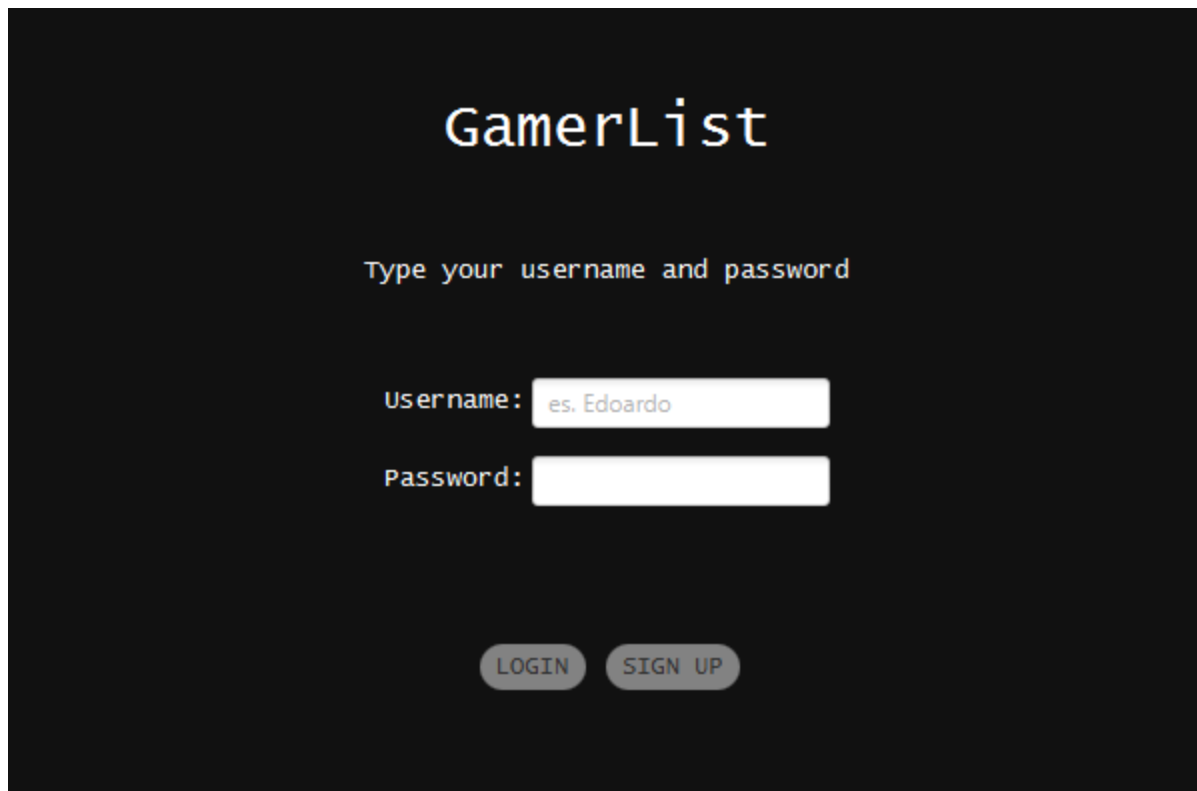
In the starting page the user has two options:
1. Sign-in using own existing credentials
2. Sign-up and register a new user profile, that will be considered a Normal User

Login Page

As mentioned before the first shown page is the Login Page that allows you to Login or Sign Up.
- Clicking on the Sign Up button you will land to the SignUp page
- Clicking on the Login button with correct credentials will allow you to access to the application, landing on your Profile Page. Possible actions will be different according the role of your profile, distinguishing between Normal User and Admin.

Signup Page

In the SignUp page the user can specify own information and create a new profile. There are some constraints that, in case of error, are shown by the page:

- Username can't be already registered
- Password and Confirm Password fields must be equal and at least 4 characters
- A gender must be selected
- A country from the choiceBox must be selected
- Phone and Email fields must be well formatted
- Your age (computed using the Date of Birthday field) must be at least 18

Clicking on the submit button with no constraint errors will create the new profile and land you again to the Login Page. You can also come back to the Login Page without Signup a new profile click on the back button.

Normal User

Profile Page

The Profile Page is self-explanatory: in this page you can find your personal recap information. The Menu on top, that is shared with all the pages after the Login, allow you to navigate the GamerList application

Profile Section

MyProfile Page

Clicking on the MyProfile menu item you will be redirected to the Profile Page of your account.

Friends Page

Clicking on the Friends menu item you will be redirected to the Friends Page, containing you main tables:

Following			Follower
Name			**Name**
sprskl	UNFOLLOW		limak16
tonibirn	UNFOLLOW		godspeed7
jonathanmyatt	UNFOLLOW		whitetiger
ockurnaz	UNFOLLOW		mad-hatter
matthijn	UNFOLLOW		
manpear	UNFOLLOW		
nwade	UNFOLLOW		
johnsjs	UNFOLLOW		
valiant1	UNFOLLOW		

- On the left side the Following table contains all the users you follow. For each row a button will be displayed and it will allow you to follow/unfollow the user on the corresponding row. Double-Clicking on a username cell you will be redirected to his/her user page. In this case confidential information such as last name, email, phone and birthday won't be displayed. In addition to this you can follow/unfollow the user also in this page.
- On the right side the Follower table contains all the users that follow you. Double-Clicking on a username cell has the same effect as the other table.
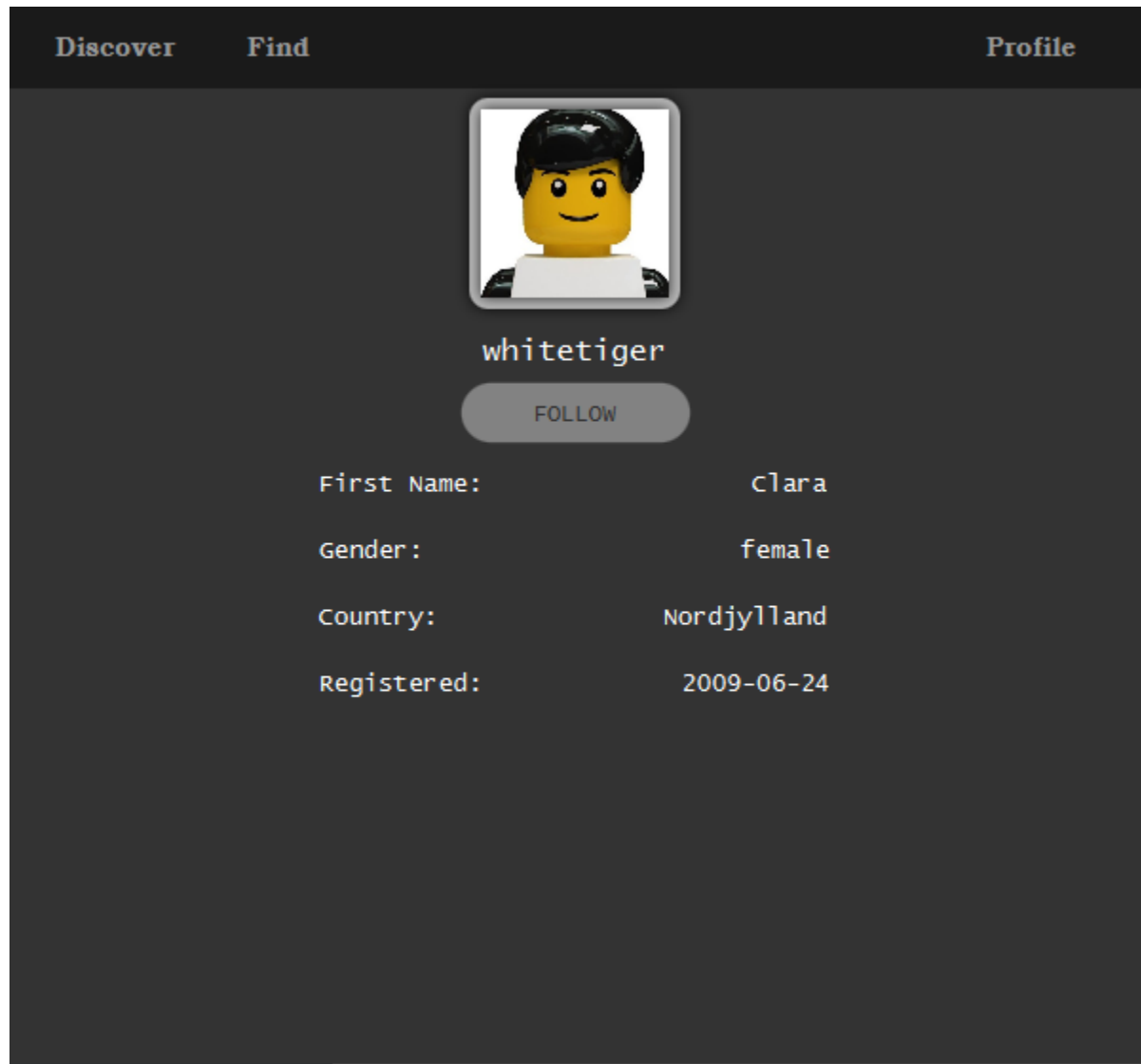
GameList Page

Clicking on the GameList menu item you will be redirected to the GamerList Page. It contains a table with all your favorite games that you added on your GamerList. It also contains information about how many of your friends have the same game in their own GamerList. For each row a button will be displayed and it will allow you to remove/add again the game in your GamerList. Double-Clicking on a gamename cell will be redirected you to the Game Info Page.

Name	Developer	Publisher	Friends with it	
Darksiders II:...	Vigil Games, G...	THQ Nordic GmbH	0	REMOVE
Think of The C...	Jammed Up Studios	Fellow Traveller	0	REMOVE
The Legend of ...	Nihon Falcom C...	XSEED Games	0	REMOVE
P·O·L·L·E·N	Mindfield Games	Mindfield Games	0	REMOVE
Doom 3: BFG Ed...	id Software	Bethesda Softw...	1	REMOVE
The Way	Puzzling Dream	PlayWay S.A.,P...	0	REMOVE
Fantasy General	Strategic Simu...	GOG	0	REMOVE
Starpoint Gemi...	Little Green M...	Iceberg Intera...	0	REMOVE
Turok 2: Seeds...	Iguana Enterta...	Night Dive Stu...	0	REMOVE
Dead In Vinland	CCCP	Plug In Digital	0	REMOVE

Logout
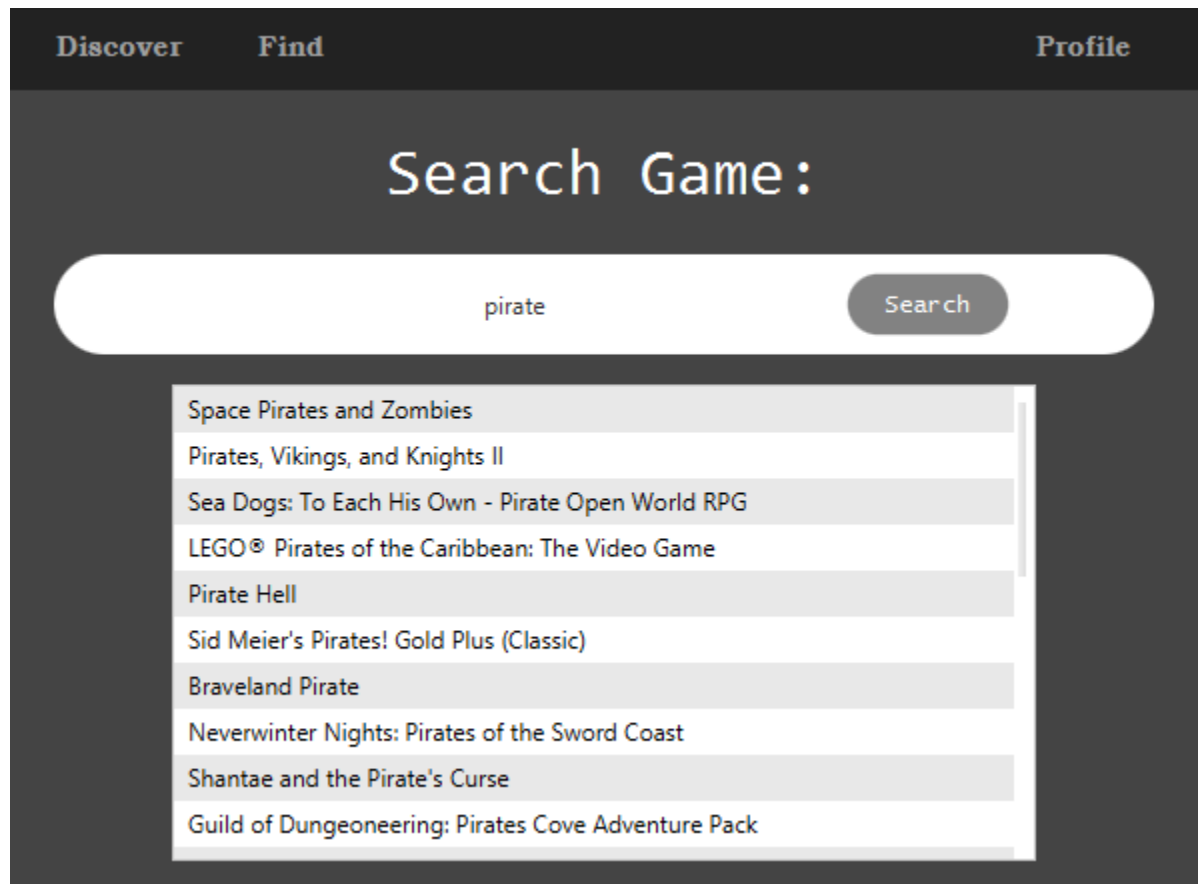
Clicking on the logout menu item you will be redirected to the Login Page and all the Session Information will be lost. It's possible to login again.

Find Section

Game Search Page

Clicking on the Game menu item will redirect you to the Game Search Page. In this page you can insert a substring of the name of the game you are searching for. Clicking on the

Search button a list of the possible games will be displayed below. If a game name contains the substring in any position it will be present in the list. Double clicking on the desired game name you will be redirected to the Game Info Page of that game.

Game Information

The Game Information Page contains all the information about the game you selected in the Search Game Page. It's composed by two main parts:

- On the left are displayed all the game information in a scrollable section. At the end of this section there is a button that allow you to add/remove this game from your GamerList.
- On the right there are two sections:
  - On the top, if you didn't write a review about this game, you can write it in a black text area. Clicking on the Submit button your review will be created and this form will be replaced by a card containing your review and two buttons. Clicking on the Delete button the review will be deleted and the card will be replaced by the form. Clicking on the Edit button you can

modify the content of your review. If you have already written a review for this game the card will appear directly

○ On the bottom will be displayed all the reviews of this game. Each review has a common structure according to its type (Steam, Gog o GamerList review) and has scrollable content. The review section is entirely scrollable and all the reviews are divided into pages. In each page there are at maximum 12 elements. Clicking on the Next button the next page will be displayed, if any. Clicking on the Back button the previous page will be displayed, if any.

User Search Page

Clicking on the User menu item you will be redirected to the User Search Page. In this page you can insert a substring of the username you are searching for. Clicking on the Search button a list of the possible users will be displayed below. If a username contains the substring in any position it will be present in the list. Double clicking on the desired username you will be redirected to his/her Profile Page.
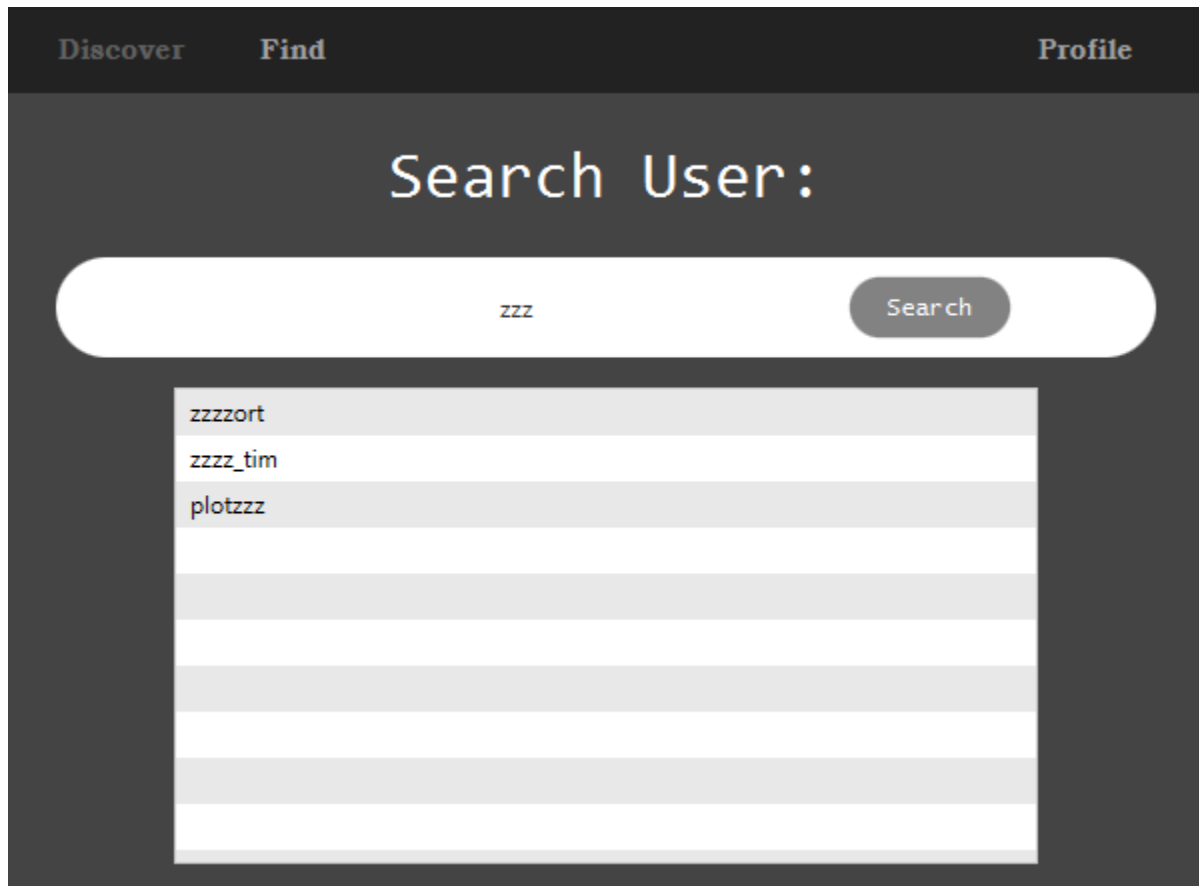
Discover

Analytic Page

Clicking on the Analytic menu item you will be redirected to the Analytic Page. It is composed by two main parts:

- On the top is shown your percentile position considering the review score of each user in the reviews of the last years. Higher is the value, the more respectful you are inside the GamerList Community. If the value is under the 30% is a bad sign and the number will be red; if the value is over the 70% is very good sign and the number will be gold; in all the other cases your reputation is pretty normal and the number will be white.
- Below is formed by a graph on the left and a list on the right. The list contains all the possible genres in the GamerList application. Double clicking on a genre the top 3 games of that genre will be displayed on the graph. "Top 3 games" means the games of that genre with more positive reviews in the last year. Double clicking

on another genre will clear the graph and insert Top 3 games of the new clicked genre. In a legend are present the name of the actual Top 3 games present in the graph, if any.
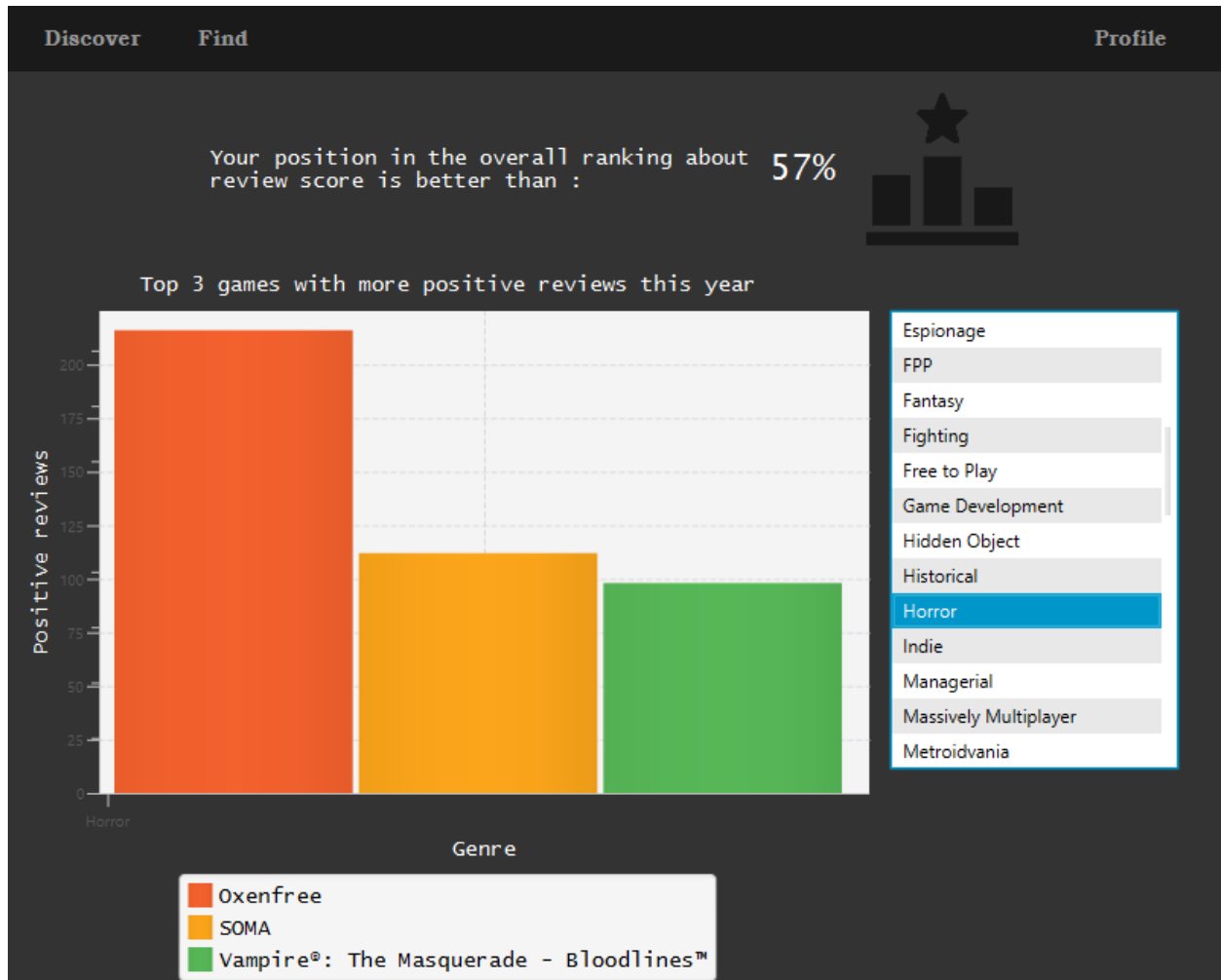
Suggestion Page

Clicking on the Suggestion menu item you will be redirected to the Suggestion Page. It contains two elements:

- On the left a list of user suggestions. They are possible new friends: each user in this list and you have some friend in common and you have the same favorite game genre. Double clicking on a username you will be redirected to his/her Profile Page
- On the right a list of game suggestions. They are games not in your gamerlist that are reviewed positively by your friends. Double clicking on a gamename you will be redirected to the Game Info Page of that game.
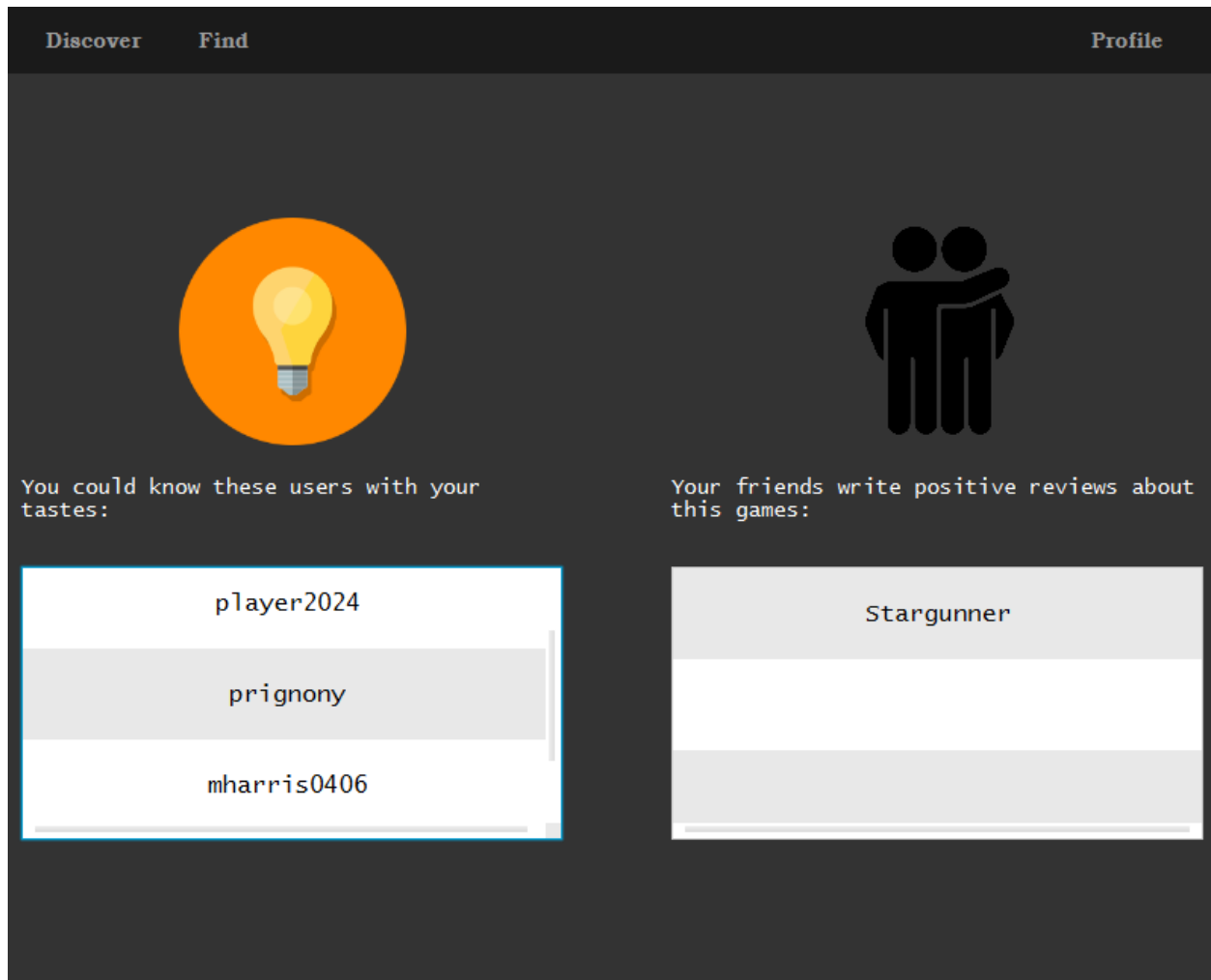
Admin

Profile Section

The profile section is formed by the Profile menu Item and Logout. They have the same feature of the Normal User. Friends and GamerList menu Items are not present because they are exclusively of the Normal Users.

Analytic Section

Clicking on the Review Score menu item you will be redirected to the Admin Analytic Page. In this page is present a search bar on which the user can insert a substring of the

username. Clicking on the Search button the corresponding username will be displayed in a list. Double clicking on a username in the bottom part will be displayed a "Go to Profile" button and the Review Score information of that user:

- minimum review score
- mean review score
- maximum review score

They consider all the reviews of that user in the last year or all his/her reviews with respect to the selected button on the right side. Clicking on the "Go to Profile" button you will be redirected to the selected user profile.

Create Section

User Form Page

Clicking on the User menu item you will be redirected to the User Form Page. It's equal to the Signup Page (except for the absence of the Back button) and the constraints are the same. Completed the operation you will be redirected to the Profile Page.

Game Form Page

Clicking on the Game menu item you will be redirected to the Game Form Page. In this page the admin can specify information about a game and create it. There are some constraints that, in case of error, are shown by the page:

- Gamename can't be already registered
- Url but be well formatted
- Developer, Publisher and Rating can't be an empty string

- A store must be selected
- At least a game details feature must be checked
- At least a genre and at least a languages be selected
- Phone and Email fields must be well formatted
- Achievements can be only numeric

Clicking on the Next button you will be redirected to the second page of the Game Form. This page will be different according to the store value selected. In the case of Steam games, all the three Steam-exclusive fields must be not empty. In the case of GOG games,

the size field can't be empty and at least one of the Oses fields must be not empty.

In both cases clicking on the submit button the game will be created and the Admin will

be redirected to own profile.

Find Section

Game Page

Clicking on the Game menu item you will be redirected to the Search Game Page. The functionalities are the same as the Search Game Page of the normal Page, but in this case double clicking the username you will be redirected to the Game Form Page. All the fields will be already filled with the actual values of that game. Clicking on Submit in the second page of the Game Form you will update the content of the Game.

User Page

Clicking on the User menu item you will be redirected to the Search User Page. The functionalities are the same as the Search User Page of the normal Page, but in this case double clicking the username you will be redirected to the Admin User Edit Page. This page is formed by three section:

- On the right side are displayed the general information of that user, including the personal one. There's also a button Delete that allows to delete completely that user. The admin will be redirected to the Search User Page.
- On the center is displayed the GamerList containing all the games in the user list.
- On the left side is displayed a table containing all the reviews of that user. The admin can select a review in a row. Clicking on the Delete button that review will be completely deleted. Clicking on the Edit button the Admin could read the entire review in a TextArea and edit the content. Clicking on the Submit button the review content is update to the new TextArea text