Video Game Sales

General Information About Dataset

The dataset contains information about video games and their sales.

The fields are:

- ➢ *Name* - The game's name
- ➢ *Platform* - Platform of the game's release (i.e. PC, PS4, etc.)
- ➢ *Year* - Year of the game's release
- ➢ *Genre* - Genre of the game
- ➢ *Publisher* - Publisher of the game
- ➢ *NA_Sales* - Sales in North America (in millions)
- ➢ *EU_Sales* - Sales in Europe (in millions)
- ➢ *JP_Sales* - Sales in Japan (in millions)
- ➢ *Other_Sales* - Sales in the rest of the world (in millions)
- ➢ *Global_Sales* - Total worldwide sales (sum of *NA_Sales*, *EU_Sales*, *JP_Sales* and *Other_Sales*, in millions)

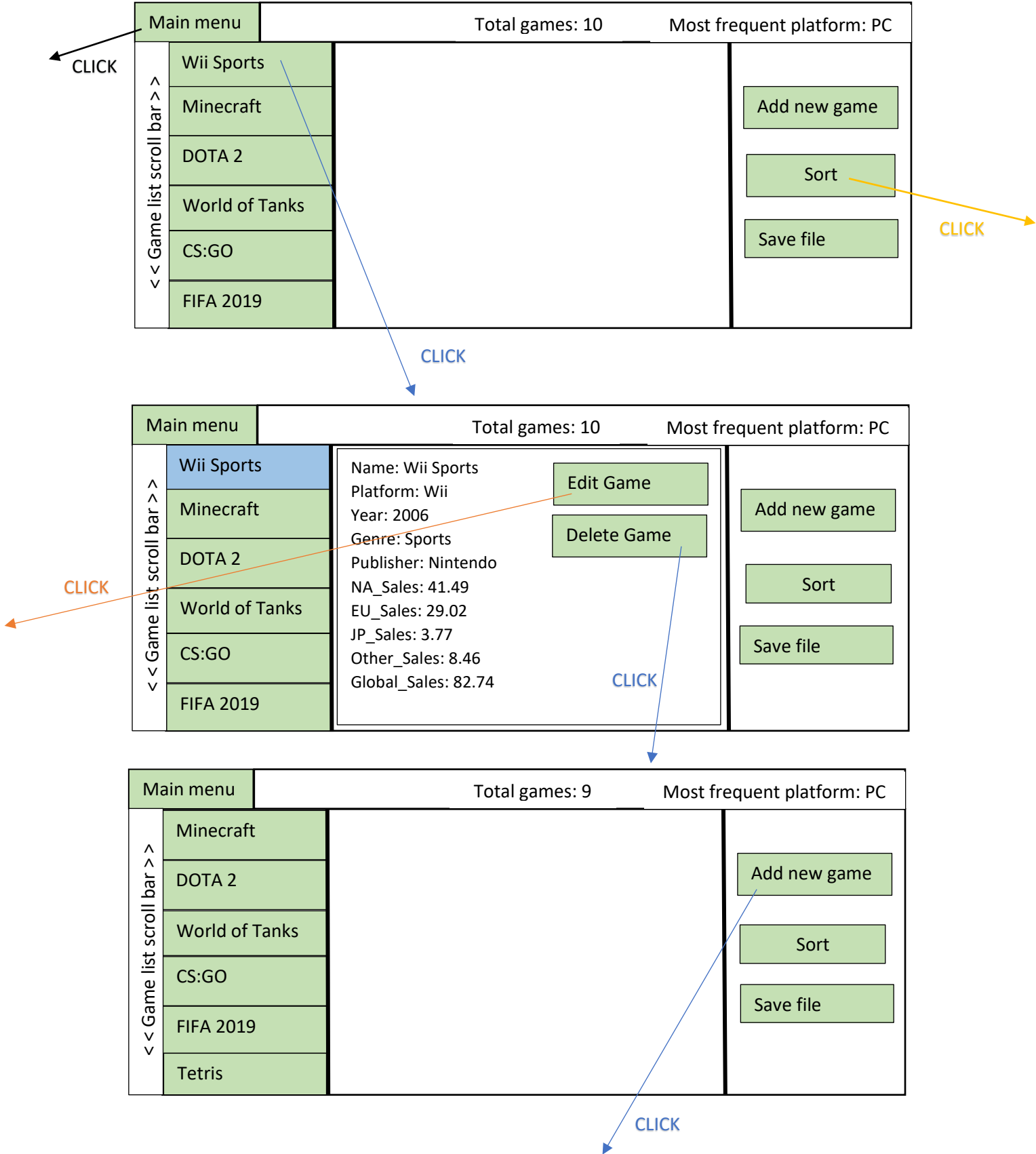*Master* in the master-detail pattern is *Name*.

Basic Features of the Application

- ➢ Adding games to the list, deleting them, editing the data of each field of each game individually
- ➢ Saving the table with new data as a file (export)
- ➢ A UI element for showing the total number of games presented in the list

Additional Features of the Application

- ➢ A UI element for sorting the table by any field the user chooses
- ➢ Automatic sorting by *Global_Sales* when a new game is introduced or *Global_Sales* entry of some game is changed (i.e. the first game in the list should always be with the highest sales except for cases when the user chooses other sorting fields)
- ➢ A UI element for showing the most frequently appearing platform in the list

Sketch of Application GUI

Main menu — CLICK

Total games: 10   Most frequent platform: PC

< < Game list scroll bar > >

- Wii Sports
- Minecraft
- DOTA 2
- World of Tanks
- CS:GO
- FIFA 2019

Add new game

Sort — CLICK

Save file

CLICK

Main menu

Total games: 10   Most frequent platform: PC

< < Game list scroll bar > >

- Wii Sports
- Minecraft
- DOTA 2
- World of Tanks
- CS:GO
- FIFA 2019

Name: Wii Sports
Platform: Wii
Year: 2006
Genre: Sports
Publisher: Nintendo
NA_Sales: 41.49
EU_Sales: 29.02
JP_Sales: 3.77
Other_Sales: 8.46
Global_Sales: 82.74

Edit Game — CLICK

Delete Game

CLICK

Add new game

Sort

Save file

Main menu

Total games: 9   Most frequent platform: PC

< < Game list scroll bar > >

- Minecraft
- DOTA 2
- World of Tanks
- CS:GO
- FIFA 2019
- Tetris

Add new game

Sort

Save file

CLICK

Fill the data about game

Name: Wii Sports

Platform: Wii

Year: 2006

Genre: Sports

Publisher: Nintendo

NA_Sales: 41.49

EU_Sales: 29.02

JP_Sales: 3.77

Other_Sales: 8.46

Global_Sales: 82.74

Add Game

CLICK

Main menu	Total games: 10	Most frequent platform: PC

<< Game list scroll bar >>

Wii Sports

Minecraft

DOTA 2

World of Tanks

CS:GO

FIFA 2019

Add new game

Sort

Save file

Edit the data about game

Name: Wii Sports 2

Platform: Wii

Year: 2006

Genre: Sports

Publisher: Nintendo

NA_Sales: 41.49

EU_Sales: 29.02

JP_Sales: 3.77

Other_Sales: 8.46

Global_Sales: 82.74

Finish edit

First screen

Main menu | Total games: 10 | Most frequent platform: PC

< < Game list scroll bar > >

- Wii Sports 2
- Minecraft
- DOTA 2
- World of Tanks
- CS:GO
- FIFA 2019

Name: Wii Sports 2
Platform: Wii
Year: 2006
Genre: Sports
Publisher: Nintendo
NA_Sales: 41.49
EU_Sales: 29.02
JP_Sales: 3.77
Other_Sales: 8.46
Global_Sales: 82.74

Edit Game

Delete Game

Add new game

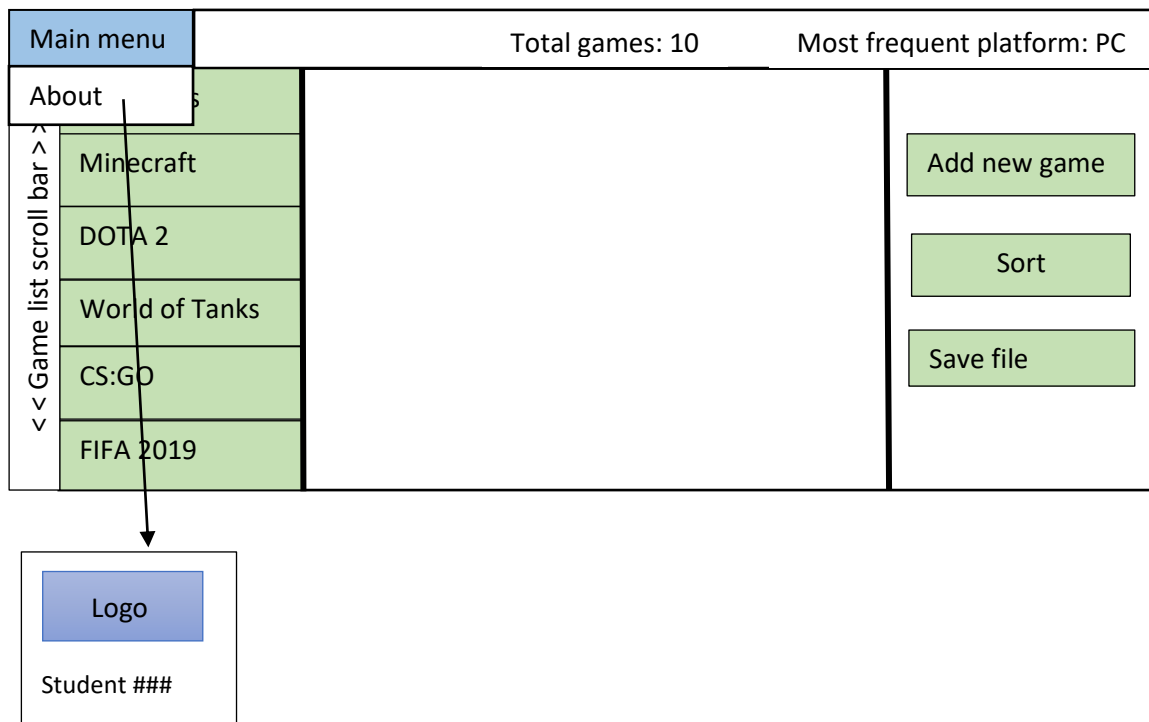Sort

Save file

Sorting dialog

Choose sorting field:
- ○ Name
- ○ Platform
- ● Year
- ○ Genre
- ○ Publisher
- ○ NA_Sales
- ○ EU_Sales
- ○ JP_Sales
- ○ Other_Sales
- ○ Global_Sales
- ○

Sort

CLICK

Second screen

Main menu | Total games: 10 | Most frequent platform: PC

< < Game list scroll bar > >

- DOTA 2
- CS:GO
- World of Tanks
- Minecraft
- FIFA 2019
- Wii Sports

Add new game

Sort

Save file

Main menu		Total games: 10	Most frequent platform: PC		

About

<< Game list scroll bar >>

| Minecraft |
| DOTA 2 |
| World of Tanks |
| CS:GO |
| FIFA 2019 |

Add new game

Sort

Save file

Logo

Student ###

Comments on the sketch:

Green boxes – buttons which you can click.

Orange boxes – places where the user should write something.

Blue boxes – buttons that show other information only when they are activated.

Scroll bar – allows the user to move the list and look through all games presented.

The "Save file" button allows the user to export the file.

Pay attention to the color of the arrows pointing to the actions of buttons. The arrow may start on one page and continue on the other.

Where numerical values are to be changed, some advanced widgets may be introduced instead of simple texting (e.g. slider, spin box, etc.).

* The given layout is approximate. The design may be changed, though the functionality must stay the same.