# IMPLEMENTACIÓ INEP 2023-2024

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# Captures del funcionament

# Iniciar sessió

```
** Inici sessio **
Sobrenom: Stormy
Contrasenya: 1234
Sessio iniciada correctament!
```

Escenaris alternatius:

Usuari no existeix:

```
** Inici sessio **
Sobrenom: Patata
Contrasenya: 1234
Usuari o contrasenya incorrecta
```

Contrasenya incorrecta:

```
** Inici sessio **
Sobrenom: Stormy
Contrasenya: Holabondia
Usuari o contrasenya incorrecta
```

# Tancar sessió

```
** Tancar sessio **
Vols tancar la sessio (S/N): S
Sessio tancada correctament!
```

Escenaris alternatius:

L'usuari no confirma que vol tancar sessió:

```
** Tancar sessio **
Vols tancar la sessio (S/N): N

********

Menu Principal

********

1. Gestionar usuari

2. Gestionar compres

3. Consultar

4. Tancar sessio

5. Sortir

Opcio: __
```

# Registrar usuari

```
----- CREACIO D'UN NOU USUARI -----
Nom (complet): Pau Ramos Font
Sobrenom: Stormy
Contrasenya: 1234
Correu electronic: pauramos2003@gmail.com
```

Data de naixement (DD/MM/AAAA): 24/09/2003

Usuari registrat correctament!

#### Escenaris alternatius:

# El sobrenom ja existeix:

```
---- CREACIO D'UN NOU USUARI ----
Nom (complet): Pau Ramos
Sobrenom: Stormy
Contrasenya: 1234
Correu electronic: inep@upc.edu
Data de naixement (DD/MM/AAAA): 24/09/2003
Error: L'usuari ja existeix.
```

# El correu electrònic ja existeix:

```
---- CREACIO D'UN NOU USUARI ----
Nom (complet): Pau Ramos
Sobrenom: Patata
Contrasenya: 1234
Correu electronic: pauramos2003@gmail.com
Data de naixement (DD/MM/AAAA): 24/09/2003
Error: Correu ja registrat.
```

# Consultar usuari

```
** Consulta usuari **
Nom complet: Pau Ramos Font
Sobrenom: Stormy
Correu electronic: pauramos2003@gmail.com
Data naixement (DD/MM/AAAA): 24/9/2003

0 videojocs comprats.
0 paquets de videojocs comprats.
0 euros gastats en total.
```

#### Modificar usuari

Escenaris alternatius:

El correu electrònic ja existeix:

# Esborrar usuari

Escenaris alternatius:

La contrasenya no és correcta:

```
** Esborrar usuari **
Introdueix la teva contrasenya per confirmar l'esborrat: Patata
Contrasenya incorrecta
```

# Comprar videojoc

```
"* Comprar videojoc: **
Nom videojoc: Portal 2
Informacio sobre el videojoc...

Nom videojoc: Portal 2
Descripcio: The "Perpetual Testing Initiative" has been expanded to allow you to design co-op puzzles for you and your friends!
Qualificacio edat: 3
Genere: Aventina 194/2011
Preve: 9.75 e uros

Vols continuar amb la compra (5/N): S

Compra registrada: 10/1/2024

Josc relacionats: -
Portal, Portal is a new single player game from Valve. Set in the mysterious Aperture Science Laboratories, Portal has been called one of the most innovative new games on the horizon and will offer gamers hours of unique gameplay; 9.75 euros

- Countre-Strike 2; for over two decades, Counter-Strike has offered an elite competitive experience, one shaped by millions of players from across the globe. And now the n ext chapter in the CS story is about to begin. This is Counter-Strike 2; 0 euros

- Half-Lifez j 1998. HALF-LIFE sends a shock through the game industry with tits combination of pounding action and continuous, immersive storytelling. Valves debut title win some than 50 game-of-the-year awards on its way to being named "Best PC Game Ever" by PC Gamer, and launches a franchise with more than eight million retail units sold wo rolladids; 9.75 euros

- No News Here Forever, You both awaken imprisoned inside the sinister Castle Rock - were you betrayed, or simply not that clever? Find out in the greatest co-op puzzles and enture in the News Here Series! Do you and your partner have what it takes to face the dark forces of this realm on will you be trappedQ* forever; 17.99 euros
```

Escenaris alternatius:

El videojoc no existeix:

```
** Comprar videojoc **
Nom videojoc: Patata
No existeix l'element a buscar

** Comprar videojoc **
Nom videojoc: EA
No existeix el videojoc a buscar
```

L'usuari ja ha comprat el videojoc amb anterioritat:

```
** Comprar videojoc **
Nom videojoc: Portal 2
Informacio sobre el videojoc...
Nom videojoc: Portal 2
Descripcio: The "Perpetual Testing Initiative" has been expanded to allow you to design co-op puzzles for you and your friends!
Qualificacio edat: 3
Genere: Aventura
Data llancament: 19/4/2011
Preu: 9.75 euros

Vols continuar amb la compra (S/N): S
Error: Ja s'ha comprat el videojoc.
```

El videojoc no és apropiat per l'edat de l'usuari:

```
** Comprar videojoc **
Nom videojoc **
Nom videojoc Deep Bock Galactic
Informacio sobre el videojoc...
Vom videojoc: Deep Bock Galactic
Descripcio: Deep Bock Galactic
Descripcio: Deep Bock Galactic
Descripcio: Deep Bock Galactic is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian sometic is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian search is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian search is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian search is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian search is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of alian search is a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and endless hordes of a 1-4 player co-op FPS featuring badass space Dwarves, 188% destructible environments, procedurally-generated caves, and environments, procedurally-generated caves, procedurally-generated
```

L'usuari no confirma la compra:

# Comprar paquet videojocs

```
** Comprar paquet **
Nom paquet: EA
Nom paquet: EA
Informacio sobre el paquet...
Nom paquet: EA
Descripcio: Headquartered in Redwood City in Northern California, we develop and deliver games, content, and online services for Internet-connected consoles, mobile devices, and personal computers. Through our cutting-edge games, innovative services, and powerful technologies, we bring worlds with infinite possibilities to nearly 600 million active players and fans around the globe.
Preu: 149.99 euros (estalvi de 69.97 euros)

Jocs inclosos:

> EA SPORTS WRC; Build the car of your dreams in our biggest rally game even, EA SPORTS WRC, the all-new official videogame of the FIA World Rally Championship, the first developed by the award-winning team behind the DIRT Rally series.; 49.99 euros
> F1 23; Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" sto ry mode delivers high-speed drama and heated rivalries.; 59.99 euros
> EA SPORTS FC 24; EA SPORTS FC 24 welcomes you to The WorldOCOs Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an enh anced Frostotice Engine; 69.99 euros
> Titanfall 2; Respawn Entertainment gives you the most advanced titan technology in its new, single player campaign & multiplayer experience. Combine & conquer with new ti tans & pilots, deadlier weapons, & customization and progression systems that help you and your titan flow as one unstoppable killing force; 29.99 euros

Vols continuar amb la compra (S/N): S

Compra registrada: 10/1/2024
```

# Escenaris alternatius:

#### El paquet de videojocs no existeix:

```
** Comprar paquet **
Nom paquet: Patata
No existeix l'element a buscar
** Comprar paquet **
Nom paquet: Portal 2
No existeix el paquet a buscar
```

# L'usuari ja ha comprat el paquet amb anterioritat:

```
** Comprar paquet **
Nom paquet: EA
Informacio sobre el paquet...
Nom paquet: EA
Descripcio: Headquartered in Redwood City in Northern California, we develop and deliver games, content, and online services for Internet-connected consoles, mobile devices, and personal computers. Through our cutting-edge games, innovative services, and powerful technologies, we bring worlds with infinite possibilities to nearly 600 million active players and fans around the globe.
Preu: 149.99 euros (estalvi de 69.97 euros)

Jocs inclosos:

> EA SPORTS WRC; Build the car of your dreams in our biggest rally game ever, EA SPORTS WRC, the all-new official videogame of the FIA World Rally Championship, the first developed by the award-winning team behind the DIRT Rally series.; 49.99 euros

> F1 23; Be the last to brake in EA SPORTS F1 23, the official videogame of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" story mode delivers high-speed drama and heated rivalries.; 69.99 euros

> EA SPORTS FC 24; EA SPORTS FC 24 Velecomes you to The WorldOcos Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an enh anced Frostbite Engine.; 69.99 euros

> Titanfall 2; Respanse Intertainment gives you the most advanced titan technology in its new, single player campaign & multiplayer experience. Combine & conquer with new tit ans & pilots, deadlier weapons, & customization and progression systems that help you and your titan flow as one unstoppable killing force.; 29.99 euros

Vols continuar amb la compra (S/N): S

Error: Ja s'ha comprat el paquet.
```

# L'usuari no confirma la compra:

# **Consultar compres**

```
** Consulta compres **

18/1/2024 videojoc Portal 2; The "Perpetual Testing Initiative" has been expanded to allow you to design co-op puzzles for you and your friends!; 9.75 euros

18/1/2024 paquet EA; Headquartered in Redwood City in Northern California, we develop and deliver games, content, and online services for Internet-connected consoles, mobil
e devices, and personal computers. Through our cutting-edge games, innovative services, and powerful technologies, we bring worlds with infinite possibilities to nearly 600
million active players and fans around the globe.; 149.99 euros
Videojocs:

EA SPORTS WRC; Build the car of your dreams in our biggest rally game ever, EA SPORTS WRC, the all-new official videogame of the FIA World Rally Championship, the first developed by the award-winning team behind the DiRT Rally series.

F1 23; Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Poir t" story mode delivers high-speed drama and heated rivalries.

EA SPORTS FC 24; EA SPORTS FC 24 welcomes you to The WorldÖCÖS Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an enhanced Frostbite Engine.

Titanfall 2; Respawn Entertainment gives you the most advanced titan technology in its new, single player campaign & multiplayer experience. Combine & conquer with new titans & pilots, deadlier weapons, & customization and progression systems that help you and your titan flow as one unstoppable killing force.
```

# Consultar videojoc

```
** Consulta videojoc **
Introdueix el nom del videojoc a consultar : Portal 2
Informacio sobre el videojoc...

Nom videojoc: Portal 2
Descripcio: The "Perpetual Testing Initiative" has been expanded to allow you to design co-op puzzles for you and your f riends!
Qualificacio edat: 3
Genere: Aventura
Data llancament: 19/4/2011
Preu: 9.75 euros
Paquets on esta inclos: Valve, Puzzle
```

#### Escenaris alternatius

#### El videojoc no existeix:

```
** Consulta videojoc **
Introdueix el nom del videojoc a consultar : EA
No existeix el videojoc a buscar

** Consulta videojoc **
Introdueix el nom del videojoc a consultar : Patata
No existeix l'element a buscar
```

# Consultar videojocs

```
Informacio sobre els videojocs **

Informacio sobre els videojocs...

Nom videojocs: EA SPORTS MRC

Descripcio: Build the car of your dreams in our biggest rally game ever, EA SPORTS MRC, the all-new official videogame of the FIA World Rally Championship, the first developed by the award-winning team behind the DIRT Rally series.

Qualificacio edet: 3

Data llancament: 3/11/2023

Presu: 49,99 euros

Paquets on esta inclos: EA

Nom videojocs: EA SPORTS FC 24

Descripcio: EA SPORTS FC 24 welcomes you to The WorldOCOs Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an enhanced F costible Engine.

Qualificacio edet: 3

Denners: Esports

Paquets on esta inclos: EA

Nom videojocs: F1 23

Denners: Sports

Paquets on esta inclos: EA

Nom videojocs: F1 25

Descripcio: Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" story mode delivers high-speed drama and heated rivalries.

Descripcio: Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" story mode delivers high-speed drama and heated rivalries.

Descripcio: Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" story mode delivers high-speed drama and heated rivalries.

Descripcio: Bettleit Remastered

Descripcio: Bettleit Remastered

Descripcio: Bettleit Remastered is a low-poly, massive multiplayer FPS, supporting 254 players per server. Battle on a near-fully destructible map with various vehicles!

Qualificacio edet: 16

Descripcio: Bettleit Remastered is a low-poly, massive multiplayer FPS, supporting 254 players per server. Battle on a near-fully destructible map with various vehicles!

Descripcio: Bettleit Remastered is a low-poly, massive multiplayer FPS, supporting 254 players per server. B
```

# Consultar videojocs per qualificació d'edat

```
** Consulta videojocs per edat **
Edat maxima (anys): 8

** Consulta videojocs fins a 8 anys **

** Consulta videojocs fine vi
```

#### Escenaris alternatius:

L'usuari introdueix una edat no vàlida:

```
** Consulta videojocs per edat **
Edat maxima (anys): -2
Introdueix una edat superior a 0.
```

# Consultar novetats videojocs

```
** Consulta novetats **
Data (DD/MM/AAAA): 20/2/2023

Videojocs llancats a partir de 20/2/2023

EA SPORTS WRC; Build the car of your dreams in our biggest rally game ever, EA SPORTS WRC, the all-new official videogame of the FIA World Rally Championship, the first dev eloped by the award-winning team behind the DiRT Rally series.; 49.99 euros; 3 PEGI; ; 3/11/2023; Paquets: EA

EA SPORTS FC 24; EA SPORTS FC 24 welcomes you to The WorldôÇòs Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an enhan ced Frostbite Engine.; 69.99 euros; 3 PEGI; ; 29/9/2023; Paquets: EA

F1 23; Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" story mode delivers high-speed drama and heated rivalries.; 69.99 euros; 3 PEGI; ; 16/6/2023; Paquets: EA

BattleBit Remastered; BattleBit Remastered is a low-poly, massive multiplayer FPS, supporting 254 players per server. Battle on a near-fully destructible map with various v ehicles!; 14.79 euros; 16 PEGI; ; 15/6/2023
```

```
** Consulta novetats **
Data (DD/MM/AAAA):
Videojocs llancats a partir de 13/1/2024
```

#### Escenaris alternatius:

L'usuari introdueix una edat no vàlida:

```
** Consulta novetats **
Data (DD/MM/AAAA): 01/01/2025
Error: Data no valida.
```

# Consultar paquet

EA

om paquet: EA

escripcio: Headquartered in Redwood City in Northern California, we develop and deliver games, content, and online services for Internet-connected consoles, mobile device and personal computers. Through our cutting-edge games, innovative services, and powerful technologies, we bring worlds with infinite possibilities to nearly 600 million ctive players and fans around the globe.

reu: 149.99 euros (estalvi de 69.97 euros)

ocs inclosos: EA SPORTS WRC; Build the car of your dreams in our biggest rally game ever, EA SPORTS WRC, the all-new official videogame of the FIA World Rally Championship, the first oveloped by the award-winning team behind the DiRT Rally series.; 49.99 euros

F1 23; Be the last to brake in EA SPORTS F1 23, the official video game of the 2023 FIA Formula One World Championship. A new chapter in the thrilling "Braking Point" sto y mode delivers high-speed drama and heated rivalries.; 69.99 euros

EA SPORTS FC 24; EA SPORTS FC 24 welcomes you to The WorldÖÇÖs Game: the most true-to-football experience ever with HyperMotionV, PlayStyles optimised by Opta, and an en need Frostbite Engine.; 69.99 euros

Titanfall 2; Respawn Entertainment gives you the most advanced titan technology in its new, single player campaign & multiplayer experience. Combine & conquer with new ti ans & pilots, deadlier weapons, & customization and progression systems that help you and your titan flow as one unstoppable killing force.; 29.99 euros

#### Escenaris alternatius:

### El paquet no existeix:

Consulta paquet \*\*

Nom paquet: Patata

No existeix l'element a buscar

\*\* Consulta paquet \*\*

Nom paquet: Portal 2

No existeix el paquet a buscar

# Consultar paquets

Valve; Valve debut title, Half-Life, was released in 1998. Since then, we have released dozens of titles that changed the world (and one that did not). Today, millions of people play our games every day.; 19.99 euros (ESTALVI: 9.26 euros)

200M; Developed by id Software starting in 1993, experience all 25+ years of the legendary and timeless series of games that defined the first-person shooter genre and that continues to deliver action-packed, power fantasy gameplay today. Times change but DOOM is eternal.; 49.99 euros (ESTALVI: 9.97 euros)

EA; Headquartered in Redwood City in Northern California, we develop and deliver games, content, and online services for Internet-connected consoles, mobile devices, and personal computers. Through our cutting-edge games, innovative services, and powerful technologies, we bring worlds with infinite possibilities to nearly 600 million active players and fans around the globe.; 149.99 euros (ESTALVI: 69.97 euros)

dideo Kojima; Hideo Kojima is a Japanese video game designer. He is regarded as an auteur of video games. He developed a strong passion for action/adventure cinema and lite ature during his childhood and adolescence. In 1986, he was hired by Konami, for which he designed and wrote Metal Gear (1987) for the MSX2, a game that laid the foundations for stealth games and the Metal Gear series, his best known and most appreciated works.; 49.99 euros (ESTALVI: 19.99 euros)

Sethesda; Bethesda is an American video game publisher based in Rockville, Maryland. The company was founded by Christopher Weaver in 1986 as a division of Media Technology, Limited. In 1999, it became a subsidiary of ZeniMax Media. In its first 15 years, it was a video game developer and self-published its titles. In 2001, Bethesda spun off i s in-house development team into Bethesda Game Studios, leaving Bethesda Softworks to focus on publishing operations.; 99.99 euros (ESTALVI: 49.96 euros)

CD Projekt RED; CD PROJEKT RED is a development studio founded in 2002. Our mission is to tell emotional stories riddled with meaningful choices and consequences, as well s featuring characters gamers can truly connect with.; 79.99 euros (ESTALVI: 29.98 euros)

uzzle; A puzzle is a game, problem, or toy that tests a person ingenuity or knowledge. In a puzzle, the solver is expected to put pieces together (or take them apart) in a logical way, in order to arrive at the correct or fun solution of the puzzle. There are different genres of puzzles, such as crossword puzzles, word-search puzzles, number puzzles, relational puzzles, and logic puzzles. Puzzles are often created to be a form of entertainment but they can also arise from serious mathematical or logical probles.; 24.99 euros (ESTALVI: 12.5 euros)

# Repartiment de tasques

- Programa main (Pau Ramos)
- database.txt (Pau Ramos)
- capaPresentacio (Entre tots)
- videoconsola (Pau Ramos)
- cercadoraCompra (Pau Alcázar)
- cercadoraConte (Pau Alcázar)
- cercadoraElementCompra (Pau Alcázar)
- cercadoraPaquetVideojocs (Pau Alcázar)
- cercadoraUsuari (Pau Alcázar)
- cercadoraVideojoc (Pau Alcázar)
- passarelaCompra (Pau Ramos)
- passarelaConte (Pau Ramos)
- passarelaElementCompra (Pau Ramos)
- passarelaPaquetVideojocs (Pau Ramos)
- passarelaUsuari (Pau Ramos)
- passarelaVideojoc (Pau Ramos)
- TXcomprarPaquet (Pau Alcázar)
- TXcomprarVideojoc (Pau Alcázar)
- TXconsultarCompres (Rubén)
- TXconsultarNovetats (Pau Ramos)
- TXconsultarPaquet (Pau Ramos)
- TXconsultarPaquets (Pau Ramos)
- TXconsultarUsuari (Rubén)
- TXconsultarVideojoc (Pau Ramos)
- TXconsultarVideojocs (Pau Ramos)
- TXconsultarVideojocsPerEdat (Rubén)
- TXesborrarUsuari (Pau Ramos)
- TXiniciarSessio (Pau Ramos)
- TXregistrarUsuari (Rubén)
- TXtancarSessio (Rubén)
- CUmodificarUsuari (Pau Ramos)
- Comentaris (Pau Alcázar)

# Estrategia per fer proves

Hem fet un arxiu "database.txt" amb les creacions i algunes insercions amb informació que l'usuari no pot modificar (videojocs, paquets, elements de compra, etc...). Tota la informació està extreta de <a href="Steam">Steam</a>. A l'hora de crear una base de dades des de zero, es copia tot el text de l'arxiu i s'enganxa a la "Query tool" del Postgre.