PUCK-MAN

User interaction

. PUCK-MAN HAS A MULTIFUNCTIONAL INTERACTION SYSTEM WHERE THE USER ALWAYS BE ON KNOWLEDGE OF WHAT IS HE DOING: THE MAIN WAY OF INTERACTION WILL BE THE MENUS:

-MAIN MENU: WHERE THE USER COULD SELECT WHAT WILL HE DO HE CAN PLAY OR WATCH THE TOP SCORES OF OUR DATA BASE. -MATCH MENU: WHERE THE USER COULD SELECT WHAT KIND OF MATCH IS HE WANNA PLAY , A LOCAL MATCH OR A ONLINE MATCH.

. ANOTHER WAY OF USER INTERACTION ARE THE DIFFERENTS KIND OF "SCREENS", WHERE THE GAME USUALLY DO A CONNECTION BETWEEN MENUS OR OTHER "SCREENS":

-LOG IN : THE USER REGISTER ON OUR DATA BASE TO SAVE HIM PROGRESS. -ONLINE ALERT: THE GAME REMEMBER TO BE ONLINE TO THE USER.

. "GAMING SCENE" IS HOW WE CALL TO THE DIFFERENT KIND OF





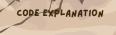


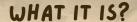
GRAPHIC ASSITANT ON OUR GAME, LIKE VIDEOS OR IMAGES, EVEN THE SCREEN WHEN U WIN OR LOSE A MATCH.











PUCK-MAN IS A MAZE ARCADE GAME, WHERE WE USE THE BEST OF TWO VIDEOGAMES AGE'S, WE USE THE ORIGINAL ARCADE INTERPHASE WITH THE NEW ONLINE MODES.





HOW WE DO ?

USING PYTHON AS THE LANGUAGE OF PROGRAMMING AND VS CODE AS TERMINAL AND CODE WRITTER, AS DATA BASE WE USE FIREBASE.





FIRST OF ALL, WE MUST TALK ABOUT WHAT KIND OF "API" ARE WE USING ON OUR GAME; WE CAN CLASSIFY THEY ON TWO DIFERRENT KIND OF

- "API" LOCAL :WHERE THE USER MAKES A SELECTION AND OUR GAME GIVE WHAT HE WANTS. LIKE SELECT A LOCAL MATCH.
- "API" FIREBASE:THIS OUR MAIN "API" BECAUSE, THIS WORKS LIKE OUR DATA BASE AND LIKE OUR DATA INTERMEDIA PASSANGER , IT HELP US TO BRING THE DATA TO THE USER ,LIKE THE TOP SCORES OR THE LOG IN INFORMATION



IN THIS CASE , THE USER PUT A WRONG PASSWORD , SO THE DATA BASE DONT ALLOW PLAY ON THE GAME



BUT IF THE INFORMATION IS CORRECT THE GAME WILL LET U PLAY ON YOUR ACCOUNT



EVEN IF U DON'T HAVE AN ACCOUNT THE GAME WILL LET U CREATE A NEW ONE WITH A PASSWORD AND A NICKNAME, THIS INFORMATION

WHAT WAS THE BIGGEST PROBLEM?

WELL , IF WE TELL THE TRUTH THERE WERE ALOT OF PROBLEMS , BUT THE REAL PROBLEM ,WAS THE UPDATE OF SCORES ON OUR DATA BASE SINCE THE GAME CONSOLE, BECAUSE WHEN WE TRIED TO UPDATE USING THE FIREBASE CREDENTIALS ON THE PACMAN CODE, AT THE SAME TIME THE MAIN CODE WAS USING THIS ONE , SO WE HAD TO USE A GOBLAL FUNCTION WHO BRING US THE SCORE AND THE USER TO ALL MOMENT.

