

Description:

Nowadays, video games have become one of the most popular forms of entertainment. As more and more games developed, the requirement for the game became more critical. The requirement is not just gameplay anymore, but also the story, music, AI, etc. As a student, I like to play video games for relaxing and I do like to pay more attention to the things around the video games I play.

The objective of the project is to build an application to store the database related to video games I played. With the database, I can track the games I played, and learn a bit about myself from it and how many hours I should spend on games. For instance: what type of games do I love the most, is it a role-playing game(RPG), action RPG, first-person hero shooter, rhythm games, etc? What is the maximum price of the game I bought so far? What is the total amount of money I spent on the video game? How many hours did I spend playing video games and how does it vary between school days and break etc. With the database, I can learn a bit about myself and decide on whether I should change certain things or not. Things such as whether I should reduce the time I spent on the video game or not, if so, how many hours. Did I spend too much money on video games and what is the maximum price of a game I should set for myself when I am looking for games in the future etc. Furthermore, based on the database, I can also learn more about the game's company so I can make better predictions on the games that will be published by the company in the future. The prediction includes whether these games reach my expectation or not, should I pay more attention to it or not. Also, what type of game I should expect from this company.

The application should be able to store the information as much as possible about the video games I played so far. This includes the platform where I played the video game at, platforms such as PC, PS4, mobile, etc. The hardware requirements, the price of the game, the company that developed the game, which year is this game published, the hours I played this game, and a character I like the most from a certain game.

Queries

1. The total number of hours I played the video games
2. Which character in the game do I like the most
3. What type of game do I play the most
4. What is the game I played the most in a certain year
5. What is the total number of money I spent on the game in a certain year
6. What is the minimum hardware requirement for a certain game I played
7. Which game I bought in a certain year is the most expensive
8. The total money I spent on video games.
9. Which platform did I play a certain game on?
10. Which company developed the game?

