

Project description – Board game rental service

The goal of this project is to create a board game rental service. Although technology has made it possible to play games online without the hassle of getting a physical game copy, board games are still incredibly popular. There is a particular charm in sitting down with friends or family to play a board game in real life and it adds variety to the usually played computer games as well. The idea for the project stemmed from the passion for playing board games and the frustration of not always getting to play the desired games for certain reasons.

One of the main issues is the expensiveness of a board game. The average price of a board game can range between 20€-45€ and some board games can cost up to 140€ (for example, Cashflow). That can make a person think if the game is really worth that kind of investment, when they are unsure if they will even enjoy the game. There are also people who are not planning to buy the game at all, but want to play it at a game night and don't see the point of purchasing it if they never plan to touch it again.

The most straightforward solution is a board game rental service. Person can try out a game and decide, if it is worth buying or not. It is also a great way to discover new board games.

The service works as follows: customer chooses a game or games of their liking, enters their preferred pick-up and payment method, pays the rental cost + delivery fee and the order will be assembled and shipped to the customer.

Functionality

The webpage of the rental service contains a menu with links to Games, About page and Home page. At the far right side there is also a search option. Customer is able to log in or register an account, but it is not required to browse games. However, an existing account is required to place an order. Logging in as an user adds My Feedbacks, My Orders and Cart links to the menu bar.

Clicking on the Games link takes the customer to the game list page. The games are listed in no particular order, if not stated otherwise (sorting). The customer can filter games by more specific categories (family games, party games etc.), publishers, languages or price ranges. When a filtering subcategory is not specified (no checkbox has been checked in the subcategory), all of the subcategories' results will be displayed. Customer is able to sort the games by title or price (ascending or descending). Sorting and filtering are independent of each other, so they can be performed in parallel. Customer can also find games by typing in the search bar. Searching is case insensitive and displays results that contain the searched term in their title.

Customer can view the game's details by clicking on the game, which opens up the game's information page. Game's information consists of title, description, language, rental cost, publisher and product code. Every game has a personal rental price that is formed by a certain percentage of the game's original purchase price.

Under the game is the View Comments button (for logged in customer there is also an Add Comment button). Customers can view the comments left by other users. The comments are not anonymous. When a customer has published a comment, they are not able to edit it, but they can delete it. Customers can view all of their comments under the My Feedbacks section.

If the customer is logged in, they can add the game in the cart. Customers are not able to rent a game without a registered account. After selecting the desired games by adding them in the cart, they can head to their cart for payment. Before placing the order, customer can review the games, as well as remove them from the cart or emptying the cart altogether. When the customer is happy with their choice, they can start placing the order. Customers can choose a suitable payment method and the parcel machine they want the games to be delivered to. After the placing the order, it will be assembled and delivered. Customer can see an overview of their order under the My Orders section.