A1: Seek Bid

The goal of this project is to specify, develop and promote an online auction platform, where users can buy and sell products through auctions held by our services.

Physical auctions carry a lot of costs for both the bidders and the sellers. As such, the creation of an online web application that simulates, as truly as possible, auctions made in real time can drastically reduce these costs and allow the user to participate in the comfort of his house.

The system should automatically manage bidding times and determine the winning bid according to the auction type, sending an email/notification to the respective winner. The website will also provide a list of active auctions with a section of live questions and answer and various filtering options (by date, price, product category, type and seller).

Each registered user will have a profile, auction history and a list of sellers and active auctions that the user is interested in. Furthermore, every user will also have a section of reviews and ratings given by other users who won an auction created by the respective user.

There are 3 types of users: the administrators, members and guests. The administrators have full access, modifications and delete privileges. Therefore, they can block users, create and remove auctions, delete reviews or add new product types. The members can create different types of auctions, update their profile, cancel their own auction (although only for a limited time) and bid on other user's auctions. The guests can view auctions and members' profile, but they cannot create or bid.

Facebook's API will be used as a login option for the members and to provide an easy way to share auctions through the social network. We'll also allow the user to create auctions for a product, using a specific online shop API to search and retrieve the user's desired product information.

— *LBAW*

[OnlineAuctions]

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