

# A2: Actors and User stories

This artifact contains a specification of the actors and their user stories, serving as agile documentation of project requirements.

## Actors

An *actor* represents any entity that interacts with the system that is being specified. This can include people (not just the end user), external systems, and other organizations. Actors are always external to the system being modeled; are never part of the system [\[Ambler04\]](#).

For the **Seek Bid** system, the *actors* are represented in Figure 1 and described in Table 1.

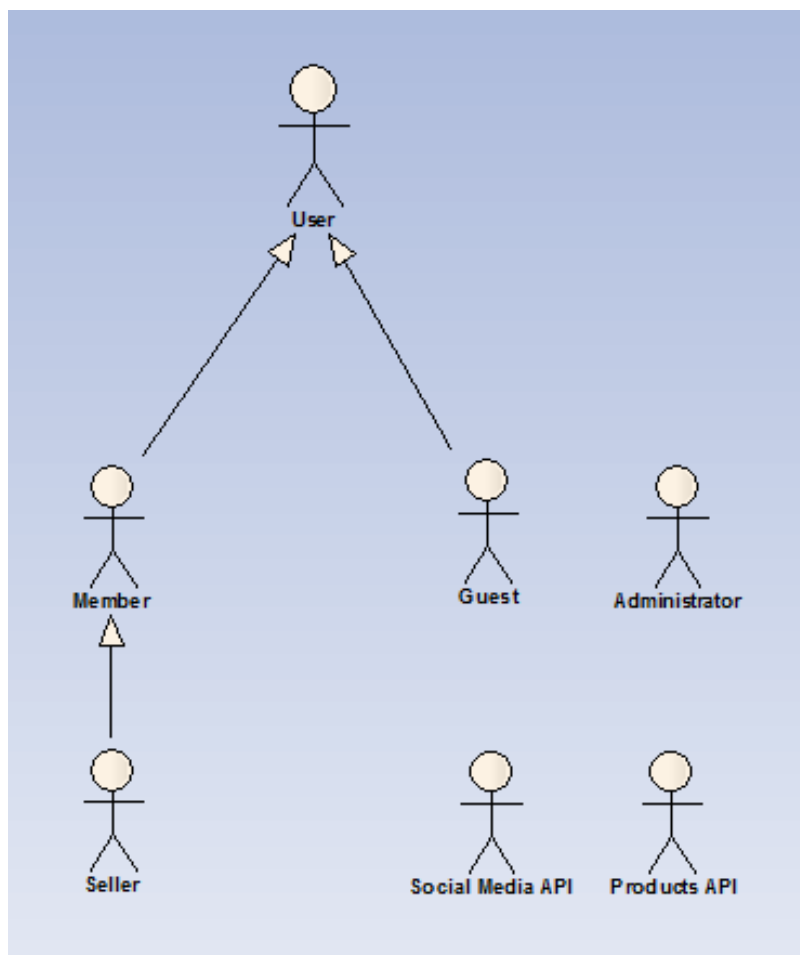


Figure 1: Actors.

Identifier	Description	Examples
Administrator	Authenticated user. Has moderation privileges and manages users and auctions.	renatoabreu
User	Generic user. Has access to public information, such as auctions or user's profiles.	n/a
Guest	Non authenticated user. Can register itself and/or authenticate in the system.	n/a

Identifier	Description	Examples
Member	Authenticated user. Can modify his profile, bid on auctions, share them on social networks and ask questions about products.	diogocepa
Seller	Can create, edit his own auctions and answer bidder's questions.	helderantunes
Social Media API	Used to share auctions and authentication/registration.	facebook
Products API	Retrieve information about products.	shopify or amazon

Table 1: Actors description.

## User Stories

A *user story* is a high-level definition of a requirement, containing only the information necessary for developers to produce a reasonable estimate of the effort required to implement it [Ambler04]. The brief description of a potential interaction with the system by one of its users focuses only on behavioral requirements rather than design aspects.

For the **Seek Bid** system, consider the *user stories* that are presented in the following sections.

### Guest

Identifier	Name	Priority	Description
US01	Sign in	high	As a <i>Guest</i> , I want to authenticate, in order to participate in auctions.
US02	Sign up	high	As a <i>Guest</i> , I want to register in the system, in order to be able to authenticate.
US03	Facebook sign in	medium	As a <i>Guest</i> , I want to authenticate via facebook, in order to participate in auctions.
US04	Facebook sign up	medium	As a <i>Guest</i> , I want to register in the system via facebook, in order to be able to authenticate.

Table 2: Guest User stories.

### User

Identifier	Name	Priority	Description
US11	Search	high	As an <i>User</i> , I want to access all public information, such as auctions, profiles or reviews, to stay informed.
US12	Filter	high	As an <i>User</i> , I want to filter auctions, in order to show only those that are directed towards my preferences.
US13	Sort	high	As an <i>User</i> , I want to sort auctions, in order to easily be aware of those that are directed towards my preferences.

Table 3: User User stories.

### Member

Identifier	Name	Priority	Description
US21	Profile	high	As a <i>Member</i> , I want to update my personal information, to keep it updated.
US22	Bid on auction	high	As a <i>Member</i> , I want to bid on auctions created by other sellers, so that I have a chance to buy the respective product.
US23	Follow seller	high	As a <i>Member</i> , I want to follow a seller, in order to keep their current auctions on my watch list and receive notifications about their new auctions.
US24	Unfollow seller	high	As a <i>Member</i> , I want to unfollow a certain seller, to stop receiving notifications about the auctions created by him.
US25	Comment on auctions	high	As a <i>Member</i> , I want to ask questions about a product currently being auctioned, to have feedback about it.
US26	Review seller	high	As a <i>Member</i> , I want to review a seller, to let all the users know about his reliability.
US27	Add to watch list	high	As a <i>Member</i> , I want to add auctions to my watch list, to keep track of them while they are active.
US28	Remove from watch list	high	As a <i>Member</i> , I want to remove auctions from my watch list, to forget about it.
US29	Share auction	high	As a <i>Member</i> , I want to share an auction on social media, so that everyone can see it.
US210	Notification of an auction update	high	As a <i>Member</i> , I want to receive a notification if the value of my bid is exceeded by a bid of another user, to inform me and, consequently, bid again.
US211	Notification of winner	high	As a <i>Member</i> , I want to receive a notification/email if I win an auction, to stay informed and, afterwards, confirm the shipment details.
US212	Report option	medium	As a <i>Member</i> , I want to report users and comments, to help maintain a good community.
US213	Logout	high	As a <i>Member</i> , I want to logout, so that no one access my private information.
US214	Notification settings	medium	As a <i>Member</i> , I want to choose the type of notifications that I will receive, so that I only get the pertinent and desired information.
US215	Feedback	medium	As a <i>Member</i> , I want to give feedback about the service, in order to inform the administrators about my opinion.

Table 4: Member User stories.

## Seller

Identifier	Name	Priority	Description
US31	Create auction	high	As a <i>Seller</i> , I want to create a new auction, to sell a product.
US32	Update auction	high	As a <i>Seller</i> , I want to change an auction information, so that it stays updated.
US33	Cancel auction	high	As a <i>Seller</i> , I want to cancel an auction, in order to keep the product.
US34	Questions section	high	As a <i>Seller</i> , I want to answer questions about my auction, to inform the bidders.

Identifier	Name	Priority	Description
US35	Auction history	high	As a <i>Seller</i> , I want to see the list of auctions created by me, to check the details about them.
US36	Bid notifications	medium	As a <i>Seller</i> , I want to be notified about bids on my active auctions, to keep up with the auctions progress.
US37	Personal product specification	high	As a <i>Seller</i> , I want to sell, in an auction, a product in which I fill the specifications and all the information required, in order to let the user know what I'm selling.
US38	API product specification	high	As a <i>Seller</i> , I want to sell a product selected through a store API, automatically filling all the product details for me, in order to let the user know what I'm selling.

Table 5: Seller User stories.

## Administrator

Identifier	Name	Priority	Description
US41	Remove comment	high	As an <i>Admin</i> , I want to remove inappropriate comments, to maintain a civilized discussion.
US42	Reports	high	As an <i>Admin</i> , I want to have access to the users reports, to take the necessary approach to each one.
US43	Ban user	high	As an <i>Admin</i> , I want to ban the user that violates the site rules, so that there is a good community and environment.
US44	Warn user	high	As an <i>Admin</i> , I want to warn the user about his behavior, to inform him he has violated the website rules and has to change the way he behaves.
US45	Remove auction	high	As an <i>Admin</i> , I want to remove an auction that is breaking the site rules, in order to keep the customer's trust.
US46	Invite admin	high	As an <i>Admin</i> , I want to invite other persons and give them admin privileges, so that they have the same responsibilities as myself.
US47	Auctions settings	medium	As an <i>Admin</i> , I want to change/add auctions settings, in order to meet the users needs.
US48	XML export	medium	As an <i>Admin</i> , I want to export the information about all closed auctions to a XML file, in order to analyse the statistics.
US49	Feedbacks	high	As an <i>Admin</i> , I want to have access to the users feedback, so that it can be used to improve the service.

Table 6: Administrator User stories.

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