1. OFFER A TOOL
2. EDIT TOOL POST
3. REMOVE TOOL POST
4. ACCEPT REQUEST
5. DELIVER A TOOL
6. REQUEST A TOOL
7. EDIT/CANCEL TOOL REQUEST
8. REQUEST EXTENTION FOR RENT PERIOD
9. RETURN A TOOL
10. ADD/EDIT/REMOVE USER RATING
11. EDIT/DELETE USER PROFILE
12. BAN USER

**ID:** UC1

**Name:** Offer a tool

**Initiator:** Owner

**Goal:** creating a post for a tool.

**Precondition:**

1. The owner must be logged in and provided his/her ID number.
2. The owner must have provided his/her credits card details.

**Postcondition:** A post will be created where others can request to rent the tool.

**Main success scenario:**

1. The system insures if the owner is eligible for posting (provided ID number).
2. The owner enters the tool name, description, rent, insurance price, location, and pictures.
3. The owner presses the confirm button.
4. The system creates a post in the database.
5. The system directs the owner to the post page.

**Extensions:**

**ID:** UC2

**Name:** Edit tool post.

**Initiator:** Owner.

**Goal:** Editing a post of a tool.

**Precondition:**

1. The post must exist.
2. The owner must be authorized to edit the post.

**Postcondition:** The tool’s post will be changed as the owner specifies.

**Main success scenario:**

1. The owner provides the post id.
2. The system ensures the owner is authorized to edit the post.
3. The owner edits the desired post details.
4. The owner confirms the changes.
5. The system changes the post details in the database.

**Extensions:**

**ID:** UC3

**Name:** Remove tool post

**Initiator:** Owner

**Goal:** Deleting a post of a tool.

**Precondition:**

1. The post must exist.
2. The owner must be authorized to remove the post.

**Postcondition:** The post will be deleted and removed from the database. And users won’t be able to access it anymore.

**Main success scenario:**

1. The owner provides the post id.
2. The system ensures the owner is authorized to remove the post.
3. The owner confirms that (s)he wants to delete the post.
4. The system deletes any requests to the post.
5. The system deletes the post from the database.

**Extensions:**

**ID:** UC4

**Name:** Accept request

**Initiator:** Owner

**Goal:** Accepting a renter’s request to rent the owner’s tool.

**Precondition:**

1. A request must have been sent from a renter on a post.
2. The owner must be authorized to accept/reject requests for the post

**Postcondition:** The request will be accepted, a chat room will open for the owner and renter, and the tool will be marked as unavailable.

**Main success scenario:**

1. The system ensures the owner is authorized to accept requests for the post.
2. The owner accepts the renter’s request.
3. The system marks the tool as ‘Unavailable’
4. The system opens a chat room between the renter and owner.
5. The system sends a notification for the renter.

**Extensions:**

**ID:** UC5

**Name:** Deliver tool

**Initiator:** Owner

**Goal:** Handing over the tool to the renter, and starting the rent period.

**Precondition:**

1. The owner and renter agreed to meet at a place.

**Postcondition:** the renter will get the tool and the rent starts.

**Main success scenario:**

1. The owner and renter confirm their arrival to the meeting place.
2. The owner and renter take pictures and/or videos to document the state of the tool before the hand-over.
3. The owner and renter upload the pictures and/or videos to the system.
4. The owner and renter confirm the pictures and/or videos.
5. The system gives the owner the renter’s ID number, and gives the renter the owner’s ID number.
6. The owner and renter ask for each other’s ID and confirm they match the system’s.
7. The owner gives the tool to the renter.
8. The system deducts the insurance-price and the intended rent from the renter’s credit card.
9. The system pays the owner the rent-price.
10. The system updates the database and sets the rent start time.

**Extensions:**

1. TODO

**ID:**

**Name:**

**Initiator:**

**Goal:**

**Precondition:**

**Postcondition:**

**Main success scenario:**

**Extensions:**

**ID:**

**Name:**

**Initiator:**

**Goal:**

**Precondition:**

**Postcondition:**

**Main success scenario:**

**Extensions:**

**ID:**

**Name:**

**Initiator:**

**Goal:**

**Precondition:**

**Postcondition:**

**Main success scenario:**

**Extensions:**

**ID:**

**Name:**

**Initiator:**

**Goal:**

**Precondition:**

**Postcondition:**

**Main success scenario:**

**Extensions:**

**ID:**

**Name:**

**Initiator:**

**Goal:**

**Precondition:**

**Postcondition:**

**Main success scenario:**

**Extensions:**