# Prioritization Use Case

**1 Brief Description**

This use case describes how the User triggers “Prioritize” operation, a mandatory fragment of “Annotate”, to resort class diagrams.

**2 Actors**

1. User
2. Database

**3 Preconditions**

1. There is an active network connection to the System.
2. The user is logged in the System.
3. More than one class diagrams have been stored in the System.
4. The “Annotate” step is in operation.

**4 The Basic Flow of Events**

1. The use case begins when the User annotates one class diagram as the current best version of all diagrams.
2. The System puts the marked class diagram as the first one in the list.
3. The System sorts the rest of diagrams according to the uploading date of them.
4. The list has been updated in the Database.
5. The System refreshes the diagrams part of the webpage in new order.
6. The use case ends successfully.

**5 Alternative Flows**

**5.1 The network is disconnected**

If in any step of the basic flow of this use case: network transmission does not complete successfully, then

1. The use case ends with a failure condition.

**5.2 The best version has not changed**

If in step 1 of the basic flow, the User still picks the original diagram as the best version of all diagrams, then

1. The System will do nothing at step 2.

**6 Key Scenarios**

1. The User selects one diagram as the current best version of all diagrams after a comparison.
2. The System puts the best version at the first place and show the diagram list in a new order.

**7 Post-conditions**

**7.1 Successful Completion**

The System shows the diagrams list in a new order and the database has been updated.

**7.2 Failure Condition**

The alarm window pops up with error message.

**8 Special Requirements**

None