

Use case UC1: Search and Sort for a Connection

Primary Actor: User

Stakeholders and Interest: User wants search results returned in an ordered manner

Preconditions: Connections have been loaded in-memory

Success Guarantee (Postconditions): Users sees connections matching the query.

Main success scenario (or basic flow):

The User enters and sends a query, containing the search parameters, to the System. The System receives the query, finds all the connections matching the query and then sorts the result depending on the search parameters inside the query.

Extensions (or alternative flows):

If System cannot find a matching connection. Search and present indirect, 1-stop and 2-stop, connections, still in an ordered fashion.

If System cannot find an indirect connection. Present “no connection found” to User.

Special requirements: None

Technology and Data Variations List: None

Open issues: None