**UseCases**

Assignment requirements

1. Every user (registered and unregistered) should be able to search, select, save and order products. (R2)
2. The admin should be able to create, read, update and delete information about the user accounts and products. (R2)
3. The application should validate client/server information, for example logins or e-mails. (R2)
4. There is evidence that the application is build as a result of a well thought-out design. (O)
5. The application has been improved after testing. (R1)
6. The admin should be able to visualize statistics about the data available of the store. (R2)
7. Every registered user should be able to see the history and status of orders. (R2)
8. The registered user should be able to save a list of products for later use (the list is by default private). (R2)

**UseCase Diagram 1:**

**UseCase Description 1:**

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| --- | --- |
| **UseCase** | **Register** |
| Summary | This usecase describes the proces of how a user can register |
| Actor | Unregistered user |
| Precondition | The user has not already registered nor logged in. |
| Postcondition | The user is saved in the database |
| Base Sequence | 1. User clicks on register 2. User is redirected to a register page 3. User fills in the form 4. The form is validated 5. The user sees a success message 6. The user can now login using the username and password |
| Branch Sequence | 3.1 username 3.2 emailadress *4.1 the password is hashed (optional)*  4.2 The information is stored in the database |
| Exception Sequence | 3 the form is not filled in completely  4.1 the form is not filled in correctly  4.2 the form is not saved in the database |
| Sub UseCase | n.a. |
| Note | ... |

|  |  |
| --- | --- |
| **UseCase** | **Search | Select | Save | Order Products** |
| Summary | This usecase describes the proces of how a user can search, select, save and order products |
| Actor | Unregistered User, Registered User |
| Precondition | It is not necessary to login, a database can save the list and gerenate an order file |
| Postcondition | The items saved by the user are stored as a list in a database (session storage?/not, depending on order file) |
| Base Sequence | 1. The user can search products through a search bar 2. The user can select a product from the search bar results 3. The user can view productinfo on the productpage 4. The user can save the product to a list 5. The user can order the saved products of the list |
| Branch Sequence | 2.1 user can select from home and subpages as well  4.1 user can save product from productpage  4.2 user can save product from overview page  4.3 user can edit saved products  5.1 user can delete orderlist before approval  5.2 user can not edit list after approval |
| Exception Sequence | 1.1 product can not be found in the list of the search bar  1.2 product does not exist  1.3 product |
| Sub UseCase | n.a. |
| Note | ... |