Save a mop!

Team members

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What component could overcome the mop usage?

- Washing with boiling water

- Usage of chemicals for washing the mop

- Dirty and wet conditions through cleaning process

How can we add something cheap to the mop?

- Low costs for adding it to each(!) mop

- Little producing costs

- High and easy availability

- No additional innovation cost

Our idea:

- Printing on textiles and sew it on the mop

- Advantages:

  every mop already has a label (code could be added there)

  Easy process and cheap

- But: there could be worse readability after a time

- Caused by:

  The washing process

Our improved idea:

- embroidering on textiles and sew it on the mop

- Advantages:

  100% waterproof and resistent to chemicals

  Long livetime of the labels

- But: it could be too expensive
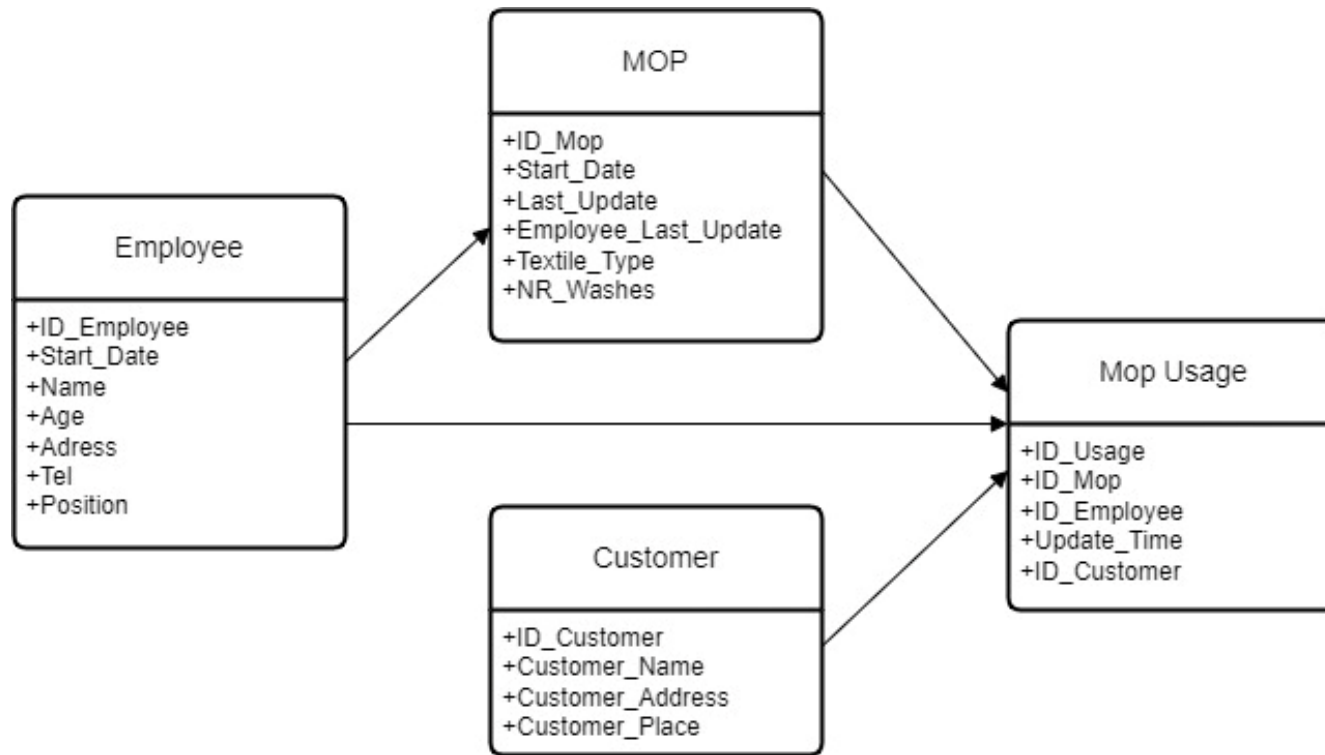
- This can be overcome by:

  A reusage of the label by adding it to a new mop, when the old one is thrown away

Association from mop to staff

- Scan of a mop to a certain employee (realized by personal boxes)

- Saving the association in a Database

- Second scan -> after the washing process of the mop

- Directly associated with a new Box/employee (less scan actions/ time)

- As a condition we must assume, that there are little mops, getting lost during the washing process.

Employee
+ID_Employee
+Start_Date
+Name
+Age
+Adress
+Tel
+Position

MOP
+ID_Mop
+Start_Date
+Last_Update
+Employee_Last_Update
+Textile_Type
+NR_Washes

Customer
+ID_Customer
+Customer_Name
+Customer_Address
+Customer_Place

Mop Usage
+ID_Usage
+ID_Mop
+ID_Employee
+Update_Time
+ID_Customer

What data do we want to store?

Approaches for the Website

- Intuitively (reduces training cost for employees)

- Fast processing (a lot of mops have to be scanned)

- Little options for employees (reducing problems)

- Report option for reporting manager

- Connection to already excisting Employee Database if possible