Specification #213 PowerIndex

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1. Introduction & Scope

Filtering on attributes in homescreen of PowerSolutionAtelier is taken meanwhile a lot of time on certain attributes, as the application has gained a lot of data. Therefore an indexing functionality called PowerIndex should be added. Therefore certain attributes can be indexed and therefore faster filtered.

2.1 Frontend changes:

- PowerIndex is available in the menu bar of home screen. A click opens PowerIndex Page

- PowerIndex Page:

Select your attribute to PowerIndex and then press PowerIndex button

Indexing may take a couple minutes and does not block the user

Progress of PowerIndex cannot be examined by user

2.2 Backend changes

- add PowerIndex endpoint for indexing, which accepts attribute to index

- Created index is persisted in database and is used while filtering for an attribute. It should speed up this filtering

3 Roles and permissions changees:

- You need PowerIndexAdmin right to see and access the functionality.

Acceptance Criteria

1. PowerIndex tab is visible from main page.

2. You need PowerIndexAdmin right to see and access it

3. You can select attribute to index on PowerIndex page. This attribute can afterwards be filtered faster on home page

4. Indexing may take a couple minutes and does not block the user.

5. Progress of PowerIndex cannot be examined by user

6. Created indices are persisted in database