

# Engineering Data Hub (EDH)

## Wireframes & Annotations

The following pages are lo-fidelity wireframes that show the possible structure for the Landing, Search Results, Details Modal and Data Asset Add pages for the Engineering Data Hub (EDH). This document is not meant to be a visual design comp.

The pages show possible:

**Structure** - How will the pieces of the EDH site fit together?

**Content** - What information/data will be displayed on the EDH site?

**Informational Hierarchy** - How is information/data organized and displayed

**Functionality** - How will this interface work?

**Behavior** - How does the interface interact with the user? And how does the interface behave.

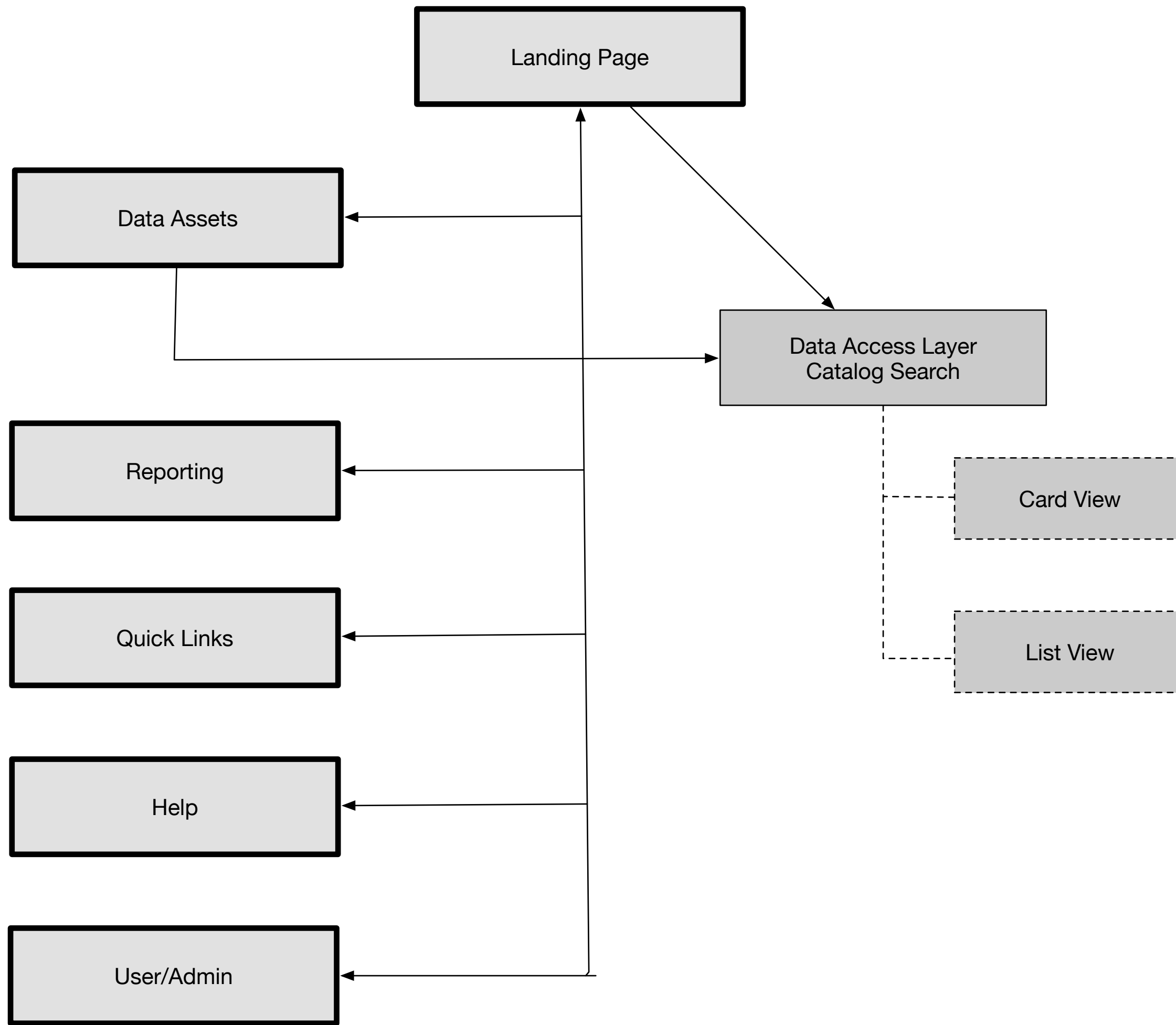
The wireframes are for a desktop design we are not looking to create any designs for tablet or mobile because as of right now it has been determined that users will be accessing the website on their desktop machines.

These wireframes are based on the existing site:

<http://dmh.autotradergroup.com/#landing>

Feedback is needed for structure, content and informational hierarchy. If there is content or other data that is missing we need to know sooner rather than later so we can avoid design re-work.

# EDH Sitemap



←→ Arrows connect different pages

- - - Lines show different views on the currently selected "tab"



## **Header**

**1)** Main Logo. The logo is also a link back to the main landing page

**2)** Main Navigation Menu.

**3)** User specific dropdown. Home to Admin and Logout

**4)** Data Assets dropdown. contains submenu items.

**5)** Reporting dropdown. contains submenu items

**6)** Quick Links navigation, contains submenu items

**7)** Help menu navigation to the complete help page

Search  
Add Data Product 2

Horizontal Dashboard 3

- DATA MANAGEMENT 4
  - Link 1
  - Link 2
  - Link 3
- ANALYTIC SOLUTIONS
  - Link 1
  - Link 2
  - Link 3
- DEVELOPMENT
  - Link 1
  - Link 2
  - Link 3
- OPERATIONS
  - Link 1
  - Link 2
  - Link 3
- DOCUMENTATION
  - Link 1
  - Link 2
  - Link 3

Admin  
Logout 5

**Flyout Navigation**

**1)** Main Logo. The logo is also a link back to the main landing page

**2)** The submenu links for the DATA ASSETS main navigation menu

**3)** The submenu links for the REPORTING main navigation menu

**4)** The submenu links for the QUICK LINKS main navigation menu

**5)** The submenu links for the USERNAME main navigation menu



# Welcome to the Engineering Data Hub

Find the Data Access Layer Catalog Assets you're looking for using either of the search methods below.

You can search for a specific Data Access Layer Asset by entering all or part of its name

## Data Access Layer Catalog Search

There are currently 1328 Data Access Layer Assets

2

### OR

Start by looking through the entire Data Access Layer Catalog

3 [Browse Data Access Layer Catalog](#)

There currently 1328 Data Access Layer Catalog Assets available across the following Business Units.

Click on a row below to view the Data Access Layer Catalog Assets for that Business Unit.

4

<b>AutoTrader</b>	14	<input type="submit" value="Q"/>
<b>Manheim</b>	23	<input type="submit" value="Q"/>
<b>Kelley Blue Book</b>	293	<input type="submit" value="Q"/>
<b>Dealer.com</b>	1	<input type="submit" value="Q"/>
<b>VinSolutions</b>	7	<input type="submit" value="Q"/>
<b>RMS</b>	621	<input type="submit" value="Q"/>
<b>HomeNet</b>	21	<input type="submit" value="Q"/>

### Landing Page - Welcome

Summary: This page is the default home page and what a user will see when they first come to the DMH

1) Welcome Message: This is currently just PLACEHOLDER text. The message should describe the EDH site and what the two search options do for the user.

2) Data Access Layer Catalog Search: The user can enter part of a Data Access Layer Catalog Asset name and the results will return all Data Access Layer Catalog Assets whose name/title contains that text.

FUTURE STATE: the user can also enter metadata text to find Data Access Layer Catalog Assets.

3) Browse Data Access Layer Catalog: this link just returns all of the Data Access Layer Catalog Assets in a datable that the user can browse through to find the Data Access Layer Catalog Assets they want. This functionality is here because sometimes the user may not know what Data Access Layer Catalog Assets they're looking for.

4) Data Access Layer Catalog Assets by Biz Unit table: The table that shows the count of the Data Access Layer Catalog Assets and what business unit they belong to.

# Data Access Layer Catalog Search 1

Name ▼ 2

3

Business Units 3

AT

CA

DT

KBB

MAN

VAT

XTM

(only) 4

Trading Partner (Vendor/BU)

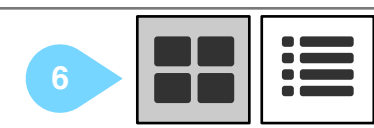
Ingest Frequency

AWS Sync

Application Name

HDFS Published Location

4 Data Access Layer Catalog Assets found 5



[download all search results](#) 7

**AH-DAQ SALESFORCE\_ACCOUNT** 9

Bring in SalesForce Account data from Oracle 10

**Business Unit:** AutoTrader 11

**XXXX Type:** Governed 12

13

**AT Apache Log**

AT Access Log data into A-I

**Business Unit:** Manheim

**Data Product Type:** Non-Governed

### Data Access Layer Catalog Search Page

Summary: This page is view is displayed if the user enters a specific search on the welcome page. It can also be accessed from the global navigations "DATA ASSETS" fly-out navigation

- 1) Data Asset Layer Catalog Search: Page title**
- 2) Search Input:** Here's where a user can enter search text to find a specific data product. The field dropdown is a future state functionality.
- 3) Filters:** The filters that can be applied to the returned Data Asset Layer Catalog Assets to further filter down the results.
- 4) The "(only)" link** is only displayed when a filter is hovered over. When clicked only that checkbox item is selected and all other checkboxes for that filter group are cleared.
- 5) Search Results Title:** The title showing the number of Data Access Layer Catalog Assets returned
- 6) The view icons** that allow the user to switch between the card view and the list view.
- 7) Download All:** The download all link/icon allows the user
- 8) Data Access Layer Catalog Asset Cards:** The cards that display a default number of Data Access Layer Catalog Assets uses "infinite scroll" to load more Data Access Layer Catalog Assets as the user scrolls down the page
- 9) Title:** The titled of the Data Access Layer Catalog Asset
- 10) Description:** The description of the Data Access Layer Catalog Asset
- 11) Business Unit:** The business unit the Data Access Layer Catalog Asset belongs to
- 12) Data Access Layer Catalog Asset Type:** The type of the Data Access Layer Catalog Asset - Governed, Non-Governed and General.
- 13) Action Icons.** The user can:
  - Create a new Data Access Layer Catalog Asset from an existing Data Access Layer Catalog Asset
  - View more information about the Data Access Layer Catalog Asset
  - Download the individual Data Access Layer Catalog Asset

# Data Access Layer Catalog Search 1

Name ▼ 2

7

▼ Business Units 3

- AT
- CA
- DT
- KBB
- MAN
- VAT (only) 4
- XTM

▶ Trading Partner (Vendor/BU)

▶ Ingest Frequency

▶ AWS Sync

▶ Application Name

▶ HDFS Published Location

4 Data Access Layer Catalog Assets found 5

6

☐

☰

Name <span>8</span>	Description	Business Unit	ACTIONS
AH-DAQ SALESFORCE_ACCOUNT	Bring in SalesForce Account data from Oracle	AutoTrader	...
app_logs_streamsets_acquisition_phss4001	STREAMSETS_LOG_PIPELINE	Manheim	...
NAME 1	DESC 1	BU 1	...
NAME 2	DESC 2	BU 2	...
NAME 3	DESC 3	BU 3	...

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**Browse All Data Access Layer Catalog Assets Page**

Summary: This page is displayed if the user clicks on the Browse Data Access Layer Catalog link on the welcome page. It can also be accessed from the global navigations "DATA ASSETS" fly-out navigation

**1) Data Access Layer Catalog Search:** Page title

**2) Search Input:** Here's where a user can enter search text to find a specific data product. The field dropdown is a future state functionality.

**3) Filters:** The filters that can be applied to the returned Data Access Layer Catalog Assets to further filter down the results.

**4) The "(only)" link** is only displayed when a filter is hovered over. When clicked only that checkbox item is selected and all other checkboxes for that filter group are cleared.

**5) Search Results Title:** The title showing the number of Data Access Layer Catalog Assets returned

**6) The view icons** that allow the user to switch between the card view and the list view.

**7) Data Access Layer Catalog Assets Table:** A data-table showing the Data Access Layer Catalog Assets in the data management hub. The table displays a default number of Data Access Layer Catalog Assets and uses "infinite scroll" to load more Data Access Layer Catalog Assets as the user scrolls down the page.

**8) The sorting arrows** that allow a user to sort the table by a particular field.

**9) The ACTIONS column** has coverable text "..." that displays the action icons that allow the user to:

- Create a new Data Access Layer Catalog Asset from an existing Data Access Layer Catalog Asset
- View more information about the Data Access Layer Catalog Asset
- Download the individual Data Access Layer Catalog Asset

**AH-DAQ SALESFORCE\_ACCOUNT** EDIT ALL ✕

*Name*

Bring in Salesforce Account data from Oracle

enter your search text

Technical Information **General Information** Comments

Access	ALL	
Aggregate/RAW	RAW	
Data Categories	Reference	SAVE CANCEL
Data Category	Reference	
Data Dictionary	Y	
Deployment Date	8/25/16	
Domains	Customer	
HDFS Published Location	/data/upb/customer/sfdc/account	
Hive Table	customer_sfdc_account	

Business Units

- AT
- CA
- DT
- KBB
- MAN
- VAT
- XTM

Trading Partner (

Ingest Frequency

AWS Sync

Application Nam

HDFS Published

Domains: tooltip with short definition...

### Info Modal

Summary: The info modal displays all the detailed information for a Data Asset Catalog.

- 1) Data Access Layer Catalog Asset name
- 2) Data Access Layer Catalog Asset description
- 3) Edit All Link/Icon. If the user clicks on this all of the fields become editable. The text and icon disappear and is replaced by "SAVE" and "CANCEL" buttons (see item 7). If the user clicks either button the buttons are hidden and the Edit All link/icon is shown again.
- 4) Technical, General and Comments Tabs that let the user switch between that specific information
- 5) Data Access Layer Catalog Asset information details table. The details correspond to the currently selected tab
- 6) Edit field icon. If the user clicks on this icon the field is placed into edit mode (see item 7). The icon is invisible by default and is shown when the field is hovered over.
- 7) Field Edit mode. The user can edit the data in an individual field. When the user clicks the "Save" or "Cancel" button the field is placed back into view mode.
- 8) Field label tooltip. If a user hovers over a label cell a tooltip is displayed with a short definition of the field.



1

Title\*

AH-DAQ SALESFORCE\_ACCOUNT

Description\*

Bring in Salesforce Account data from Oracle

Required Information

Non-Required Information

Comments

Access	ALL
Aggregate/RAW	RAW
Data Categories	Reference
Data Category	Reference
Data Dictionary	Y
Deployment Date	8/25/16
Domains	Customer
HDFS Published Location	/data/upb/customer/sfdc/account
Hive Table	customer_sfdc_account

Domains: tooltip with short definition...

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SAVE

Data Saved!

### Add Data Access Layer Catalog Asset

Summary: The Add Data Access Layer Catalog Asset page is where a user can add a new Data Access Layer Catalog Asset to the catalog.

1) The data fields that are needed for a Data Access Layer Catalog Asset

2) Field label tooltip. If a user hovers over a label cell a tooltip is displayed with a short definition of the field.

3) Save buttons. The Save buttons commits the information to the database and a message is displayed as to whether the commit was successful or not.