

**DHI UI Details**

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# Project Details

**UX Designer:** Subhash

**UI/front end developer:** Nikita Kshatriya

**Java developer**: Manmaya Champatiray

**Python model developers**: Himanshu,Akshaya,Akash,Sachin

**Manager:** Ashish Saraf and Paulami Das

**Client:** Brillio Analytics Innovation Unit

**Website URL:** <http://ipsolution.southindia.cloudapp.azure.com:8080/Dhi-d3/#/login> ---without load balancer

<http://ipsolution-v2.eastus.cloudapp.azure.com> ---with load balancer

[https://ipsolution.azurewebsites.net](https://apc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fipsolution.azurewebsites.net&data=02%7C01%7Cnikita.k%40BRILLIO.COM%7Cf17ebf4ddb9e40bafe8208d77241e3e5%7C97984c2ba22946098185ae84947bc3fc%7C0%7C0%7C637103499625214122&sdata=Bfv%2FFUmxd74DRlnm0A1MCMB4MvxjLcBRoa8I1%2B5N4CE%3D&reserved=0) ---secure server

**Credentials:** Username : nikita.k@brillio.com

Password : admin@1236

**Deployed file path in azure:** C:\IPSolution\apache-tomcat-8.0.53\webapps\ROOT\Dhi

**Deployed server:** Tomcat Server

## 

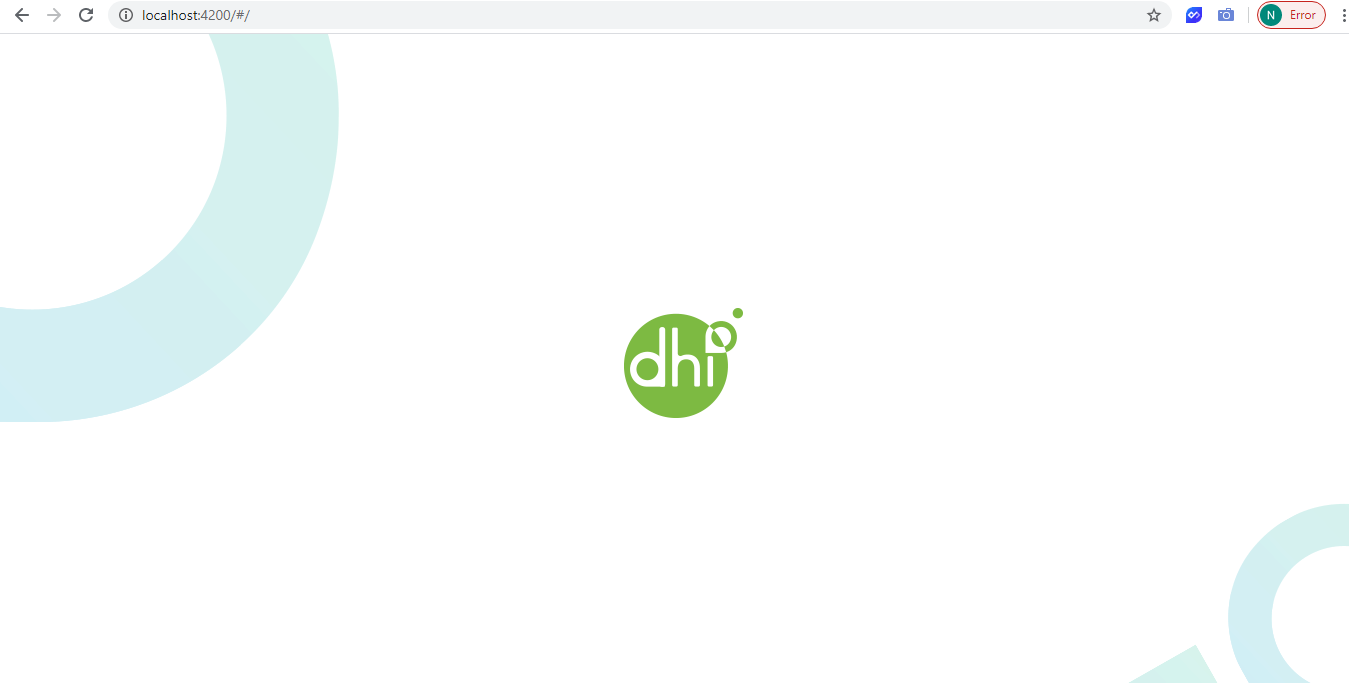
# Project Overview

Organizations understand the value of a data-driven culture today. Business stakeholders are held back in fully utilizing the power of data due to long lead time in generating meaningful reports and generating the insights that matter. Dhi is an NLP-driven enterprise information discovery solution that provides answers to business users through meaningful data stories and proactive alerts.

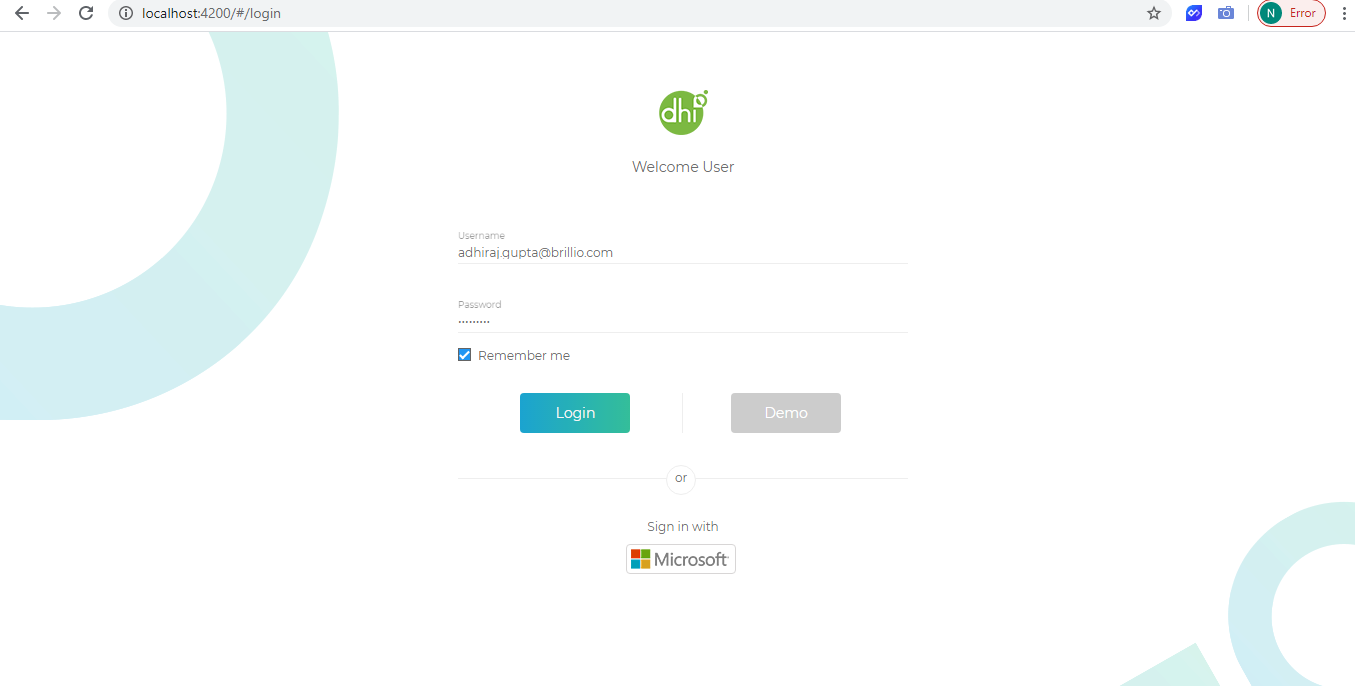
# UI Components

The UI consists of 11 components(including sub components).

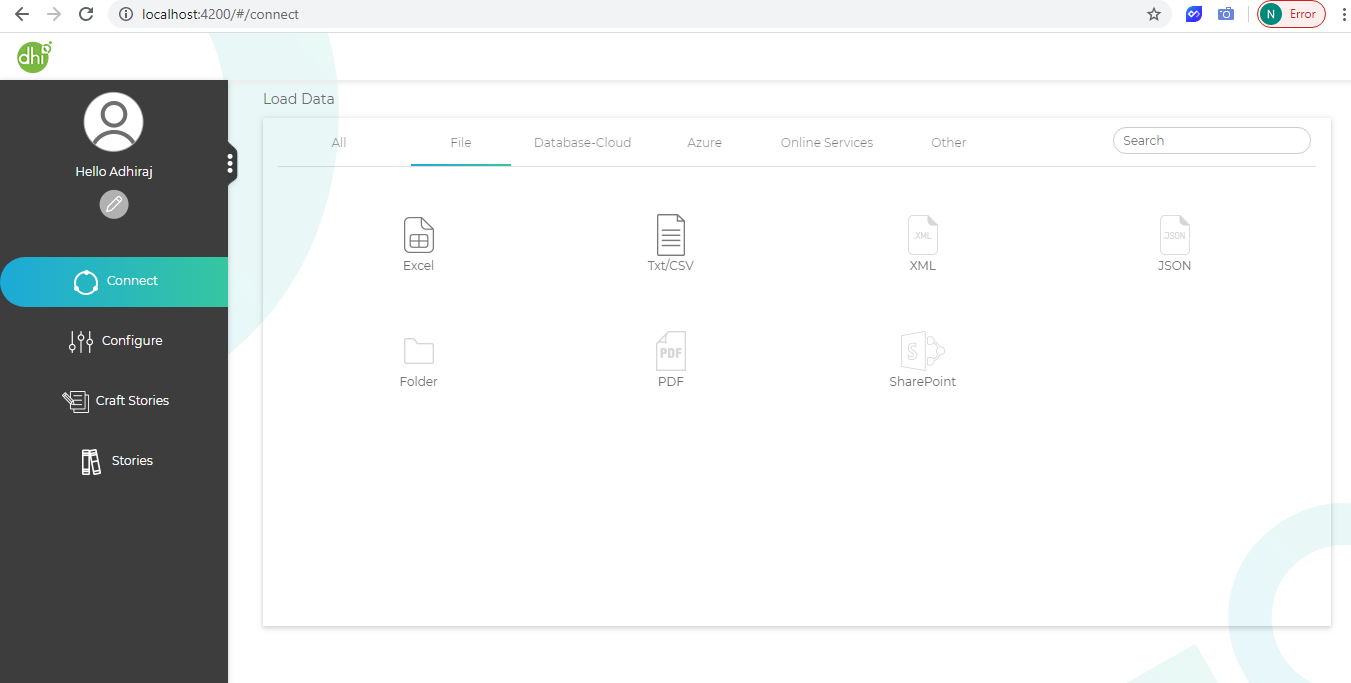
1. **Splash-screen Component -** It is the first screen with the DHI logo which appears for 2-3 seconds when you hit the website.



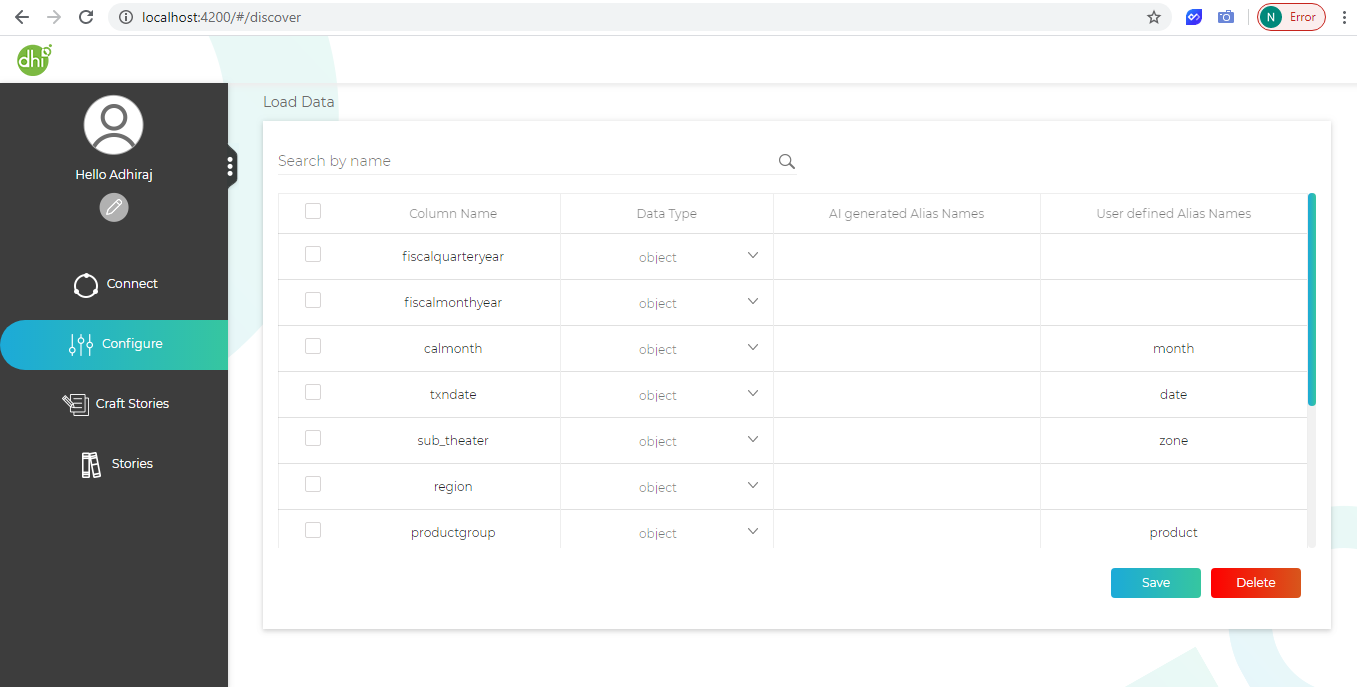
1. **Login Component –** This is the basic login page with username and password as inputs.There is a ‘Login’ and ‘Demo’ button, Login redirects you to the next page where you can access all the DHI functionalities whereas Demo takes you to the page where user can access few functionalitiesl(not yet implemented).You also have an option to sign in with Microsoft account which is not implemented yet. Remember me check box allows you to save your username and password for the next login. Angular Material is used for developing this page.



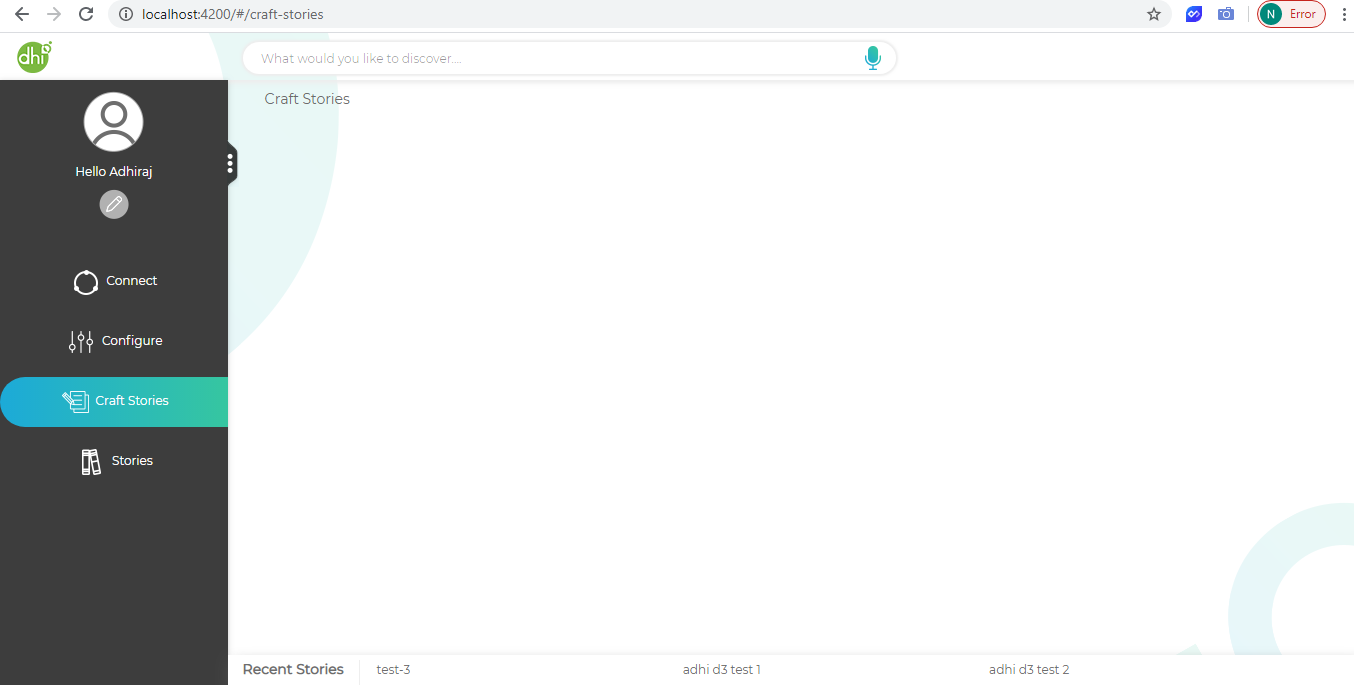
1. **Sidebar Component-**It has the list of user specific options(i.e history,settings,profile,logout) which is displayed on click of edit icon and a list of other components you can go through.
2. **Header Component-**It has DHI logo and a search input(for queries) where you can query about the uploaded file. It also has voice search feature. Autosuggestions also appear based on your previous search.
3. **Connect Component-** In this component you can upload files on which you want to query(right now only text and csv).There are other ways(material tabs) as well such as database cloud, azure, online services from where you can load the data.

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1. **Discover(Configure) Component-**When data is uploaded it is redirected to configure page i.e discover component.The uploaded data is formatted in the form of table. There is an option for users to give the alias name(under User defined alias name),to delete the rows, add the rows and search for specified data in the table. Its Material table. There is a save button to save the changes and delete button to delete the row.

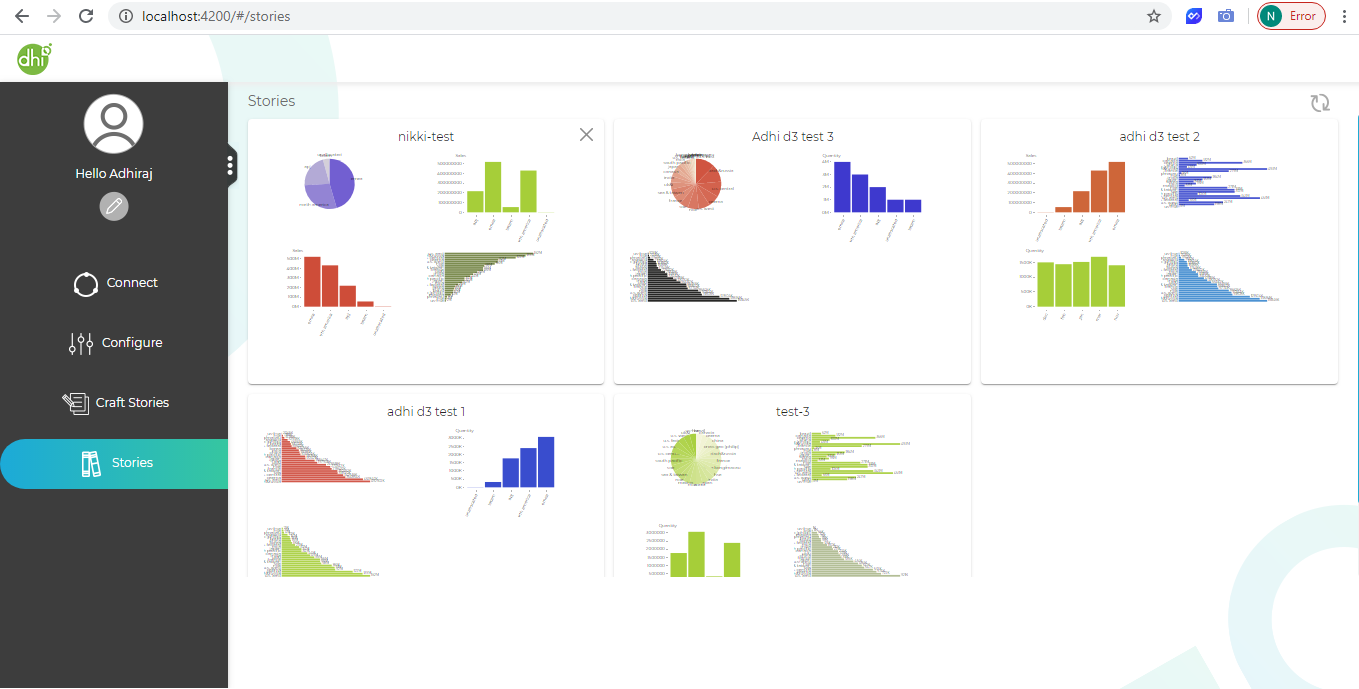
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1. **Craft Stories Component-**Once changes in configure tab is saved, it is redirected to craft stories component where you can query for the data you want to know about and the result is in the form of table and d3 graph which are displayed on a card. The card can be flipped i.e on one side there is a graph and table on the other. You can query multiple queries and result for each query is displayed on the card. The cards can be reordered based on the story to be created. There is an option to delete the card, download the graph, download the table and share the data which will appear when you hover on the card.
   1. **Image-dialog component-**This is a card specific material dialog which opens when you double click on the card. It contains the graph and the table. It gives the user options to customize the graph(change the color, font-size, font-family, units) and table(sorting).You can also download, share both the table and graph by clicking on the respective icons.
   2. **Craft-story-dialog component-** This is material dialog opened when you click on ‘Save Story’ button on craft stories page. Story name is taken as an input and on click of Save Story button in the dialog the story is saved.
   3. **recent-stories component-** This has list of 3 stories recently created by the user. On click of the stories the queries present in the story are opened in craft stories component with the story name and last refreshed time on top.

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Craft-stories component is also used when a story is opened from the stories or recent-stories component. There are 4 buttons then refresh, save, save as ppt and close which applies on the opened story.

1. **Stories component-**Here you have the saved stories created in craft-stories component. There is a refresh option on the top to refresh the stories



# API Details

The API details are in the API\_details folder.

|  |  |
| --- | --- |
| Component | Filename |
| Login | Login-screen |
| Connect | Uploading\_CSV\_Connect\_Tab |
| Configure | Getting\_Discovery\_Tab\_content(get Data)  Getting\_(save Data) |
| Header | Updated-Request-Response-for-Query-tab (query response)  auto-suggestion(for autosuggestions) |
| CraftStories | add\_a\_Story(adding a new story and saving opened story)  ppt\_by\_username\_story\_name(save story as ppt)  Google-Fonts-Request-Response(to get font-family in the image-dialog component) |
| Recent-stories | Stories\_Get\_Request(with offset) |
| Stories | Stories\_Get\_Request(without parameters)  delete\_story\_by\_story\_name(to delete story) |
| Image-dialog | Fonts-Request-Response(to get the font families) |

# Version History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document Created By | Date | Document Approved By | Date | Key Changes |
| Nikita Kshatriya | 26/12/1995 | Adhiraj Gupta |  |  |