**Group 13**
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# SKYGRAPH

User Usability - Scenario 2

In the first demo, there was some functionality that the client didn't get to see. In this second demo, we will make sure all that functionality that we discussed in scenario one will be ready, and also extra features.

Here's a theoretical scenario: John is a hotdog seller and his sales have been declining over the years. He would like to know how his business correlates with the weather, so in this scenario all of the other generic data such as volcanic eruptions, Carbon Dioxide emissions won't be implemented. SkyGraph will let John inputs his hotdog sales data. John will see how his data relates to weather to make a business decision.

Home page is the first page of SkyGraph where it displays weather data as per user's current location by default. In addition to that SkyGraph user can access weather information for different states. These information are easily accessible to users without any registration with SkyGraph.

Looking back to user scenario, John is using SkyGraph for the first time. He sees on the top right a Help page, and clicks on it. He sees an introduction of what SkyGraph offers, and step by step instructions on how to use SkyGraph with detailed images and information.

After went through the Help section, John creates his account by using Sign-up option where he registers with SkyGraph along with his location details. Upon successful registration, John can login into the SkyGraph and can access Home page. From Home page, John have access to Account Info, Widgets, Help and Logout sections.

In Account information section, John can change his account settings. If John faces any issue in using SkyGraph, he can make use of Help section that provides necessary information about SkyGraph and its usage.

As SkyGraph displays John's Home Screen, he notices the widgets section located on the top right corner of the page. As John's curiosity gets the best of him, he decides to see what widgets offer. As he clicks on the widget link, a new page will open and a list of three widgets will appear. One widget will be importing a file of his desired data set and SkyGraph will compare weather data with John's data set on specified parameters (dates). Another widget is Sharing, where John will be able to email current or future forecast of the weather. The last widget will be exporting the data results, after a registered user imports his/her data set. As for John's case, after importing the business data and visualizing the representation of this data set with weather, the results will be saved for future use so he may be able to export the text results into a file.

John doesn’t know anything about managing his data, so we made it easy for him. Our application will take care of it in the backend so he doesn't need to worry about it. If he ever wants to access his data again, he can do so through the widget, data will be easily accessible.

John already has imported his hotdog sales through the widget. Now he wants to compare his business sales with the weather data, he can do this by choosing specific factors like date parameters. SkyGraph will get date parameters on runtime, and start comparing with John’s data. On the screen John will see the graph for that specific dates or based on factors he chose. For example John will see visual graph with dates that will compare temperature with his sales data and he can export the result for future use.

John now knows how to use Skygraph. By using SkyGraph, he can find how his business sales relates with weather. John now can make his own decision on what to do with his business.