Project Dashboard Solution – Version 0.6

1. Overview: The purpose of the Project Dashboard Solution
2. Pages/List/Sites:
   1. Page 1 – Without Wiki Web Part

<https://bentest.bhcorp.ad/sites/regulatory3/testdashboard/Pages/Project%20Dashboard.aspx>

* 1. Page 2 – With Wiki Web Part
     1. Development:

<https://bentest.bhcorp.ad/sites/regulatory3/SitePages/TestDashboard.aspx>

* + 1. Production:

<https://ben.blackhillscorp.com/sites/Regulatory/nebraska/2020NEGRR/Pages/Project-Dashboard.aspx>

* 1. Site Assets Library:
     1. Development:

<https://bentest.bhcorp.ad/sites/regulatory3/testdashboard/Asset%20Library/>

* + 1. Production:

<https://ben.blackhillscorp.com/sites/Regulatory/nebraska/2020NEGRR/Site%20Assets/Forms/AllItems.aspx>

* 1. Contact Library:
     1. Development:

<https://bentest.bhcorp.ad/sites/regulatory3/testdashboard/Lists/Contacts/AllItems.aspx>

* + 1. Production:

<https://ben.blackhillscorp.com/sites/Regulatory/nebraska/2020NEGRR/Lists/Contacts%202020%20NEG%20RR/AllItems.aspx>

* 1. Data Request Library:
     1. Development:

<https://bentest.bhcorp.ad/sites/regulatory3/testdashboard/Test%20Data%20Request/Forms/Wyoming%20Data%20Request2.aspx>

* + 1. Production:

<https://ben.blackhillscorp.com/sites/Regulatory/nebraska/2020NEGRR/Data%20Requests%202020%20NEG%20RR/Forms/Wyoming%20Data%20Requests.aspx?InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence#InplviewHash7535b9ca-cd87-4f5a-a16d-95ab43199cbd=>

* 1. Regulatory Rate Review Status Update (Optional):
     1. Development:

<https://bentest.bhcorp.ad/sites/regulatory3/testdashboard/Lists/Regulatory%20Rate%20Review%20Status%20Update/AllItems.aspx>

* + 1. Production: N/A

1. Components:
   1. Rate Review Custom Content Type
   2. Rate Review Custom Library
   3. Regulatory Contacts Custom Content Type
   4. Regulatory Contacts Custom List
   5. Project Dashboard Wiki Page
   6. pdbHTML.htm – Dashboard HTML File
   7. pdbCSS.css – Dashboard CSS File
   8. rrrRestAPI.js – Regulatory Rate Review REST API JavaScript File
   9. wtsRestAPI.js – Witness Testimony Summary REST API JavaScript File
   10. drrRestAPI.js – Discovery Rest Request REST API JavaScript File
   11. moment.js – Open Source JavaScript Library Used to Calculate Time
   12. jquery-1.11.3.min.js – Open Source jQuery Library
   13. jquery.SPServices-2014.02.js – SharePoint jQuery Library
   14. Multiple Image Files
   15. Regulatory Rate Review Status Update.doc
2. Deployment:
   1. Create a Folder in the Site Assets Library Called “dashboard”
   2. Upload the Following JavaScript Files to the Site Assets Library’s “dashboard” Folder:
      1. pdbHTML.htm
      2. pdbCSS.css
      3. rrrRestAPI.js (This File is Optional)
      4. wtsRestAPI.js
      5. drrRestAPI.js
      6. moment.js
      7. jquery-1.11.3.min.js
      8. jquery.SPServices-2014.02.js
   3. Create a Wiki Page
      1. Open the Site’s Pages Library
      2. Go to the Library Settings Page
      3. From Advanced Settings, Set “Allow Management of Content Types” to “Yes”
      4. From Content Types Choose “Add from Existing Content Types”
      5. Choose “Enterprise Wiki Page”
      6. Return to the Library and Choose New Document, Enterprise Wiki Page
   4. Add 5 Content Editor Web Parts to the Wiki Page (Below the Wiki Section):
      1. HTML
      2. CSS
      3. Regulatory Rate Review (This File is Optional)
      4. Witness Testimony Summary
      5. Discovery Request Risk
   5. Make the Following Connections Between Web parts and JavaScript files:
      1. HTML – pdbHTML.htm
      2. CSS – pdbCSS.css
      3. Regulatory Rate Review – rrrRestAPI.js (This File is Optional)
      4. Witness Testimony Summary – wtsRestAPI.js
      5. Discovery Request Risk – drrRestAPI.js
   6. Save the File and Refresh
3. Site Collection Level Content Type and Fields:
   1. Content Type Name: Regulatory Contacts
   2. Regulatory Contact, Person or Group
   3. Last Name, Single line of text
   4. First Name, Single line of text
   5. Full Name, Single line of text
   6. RegulatoryPartner, Person or Group
   7. Regulatory Partner, Person or Group
   8. Regulatory Role, Choice
   9. E-Mail, Single line of text
   10. Company, Single line of text
   11. [Job Title](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=JobTitle&Fid=%7Bc4e0f350%2D52cc%2D4ede%2D904c%2Ddd71a3d11f7d%7D), Single line of text
   12. Business Phone, Single line of text
   13. Home Phone, Single line of text
   14. Mobile Number, Single line of text
   15. Fax Number, Single line of text
   16. Address, Multiple lines of text
   17. City Single, line of text
   18. [State/Province](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=WorkState&Fid=%7Bceac61d3%2Ddda9%2D468b%2Db276%2Df4a6bb93f14f%7D), Single line of text
   19. [ZIP/Postal Code](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=WorkZip&Fid=%7B9a631556%2D3dac%2D49db%2D8d2f%2Dfb033b0fdc24%7D), Single line of text
   20. [Country/Region](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=WorkCountry&Fid=%7B3f3a5c85%2D9d5a%2D4663%2Db925%2D8b68a678ea3a%7D), Single line of text
   21. [Web Page](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=WebPage&Fid=%7Ba71affd2%2Ddcc7%2D4529%2D81bc%2D2fe593154a5f%7D), Hyperlink or Picture
   22. [Comments](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Comments&Fid=%7B9da97a8a%2D1da5%2D4a77%2D98d3%2D4bc10456e700%7D), Multiple lines of text
   23. [Department](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=ol%5FDepartment&Fid=%7Bc814b2cf%2D84c6%2D4f56%2Db4a4%2Dc766938a97c5%7D), Single line of text
   24. [Person or Group](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Person%5Fx0020%5For%5Fx0020%5FGroup&Fid=%7B31df9db0%2Daf27%2D467d%2D834a%2Da479b03613ef%7D), Person or Group
   25. [1st Draft Testimony Due](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=%5Fx0031%5Fst%5Fx0020%5FDraft%5Fx0020%5FTestimony%5Fx0020%5FDue&Fid=%7Bec136394%2D7a90%2D4fd5%2D853d%2D06bfe9156f1a%7D), Date and Time
   26. [2nd Draft Testimony Due](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=%5Fx0032%5Fnd%5Fx0020%5FDraft%5Fx0020%5FTestimony%5Fx0020%5FDue&Fid=%7B18841fb4%2Db21f%2D44ef%2Dac24%2D0ea61c91b4a0%7D), Date and Time
   27. [Attorney](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Attorney&Fid=%7Bac670df6%2Db16f%2D45d6%2Db34b%2D2e0358b31dac%7D), Single line of text
   28. [Company Phonetic](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=CompanyPhonetic&Fid=%7B034aae88%2D6e9a%2D4e41%2Dbc8a%2D09b6c15fcdf4%7D), Single line of text
   29. [Final Testimony Due](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Final%5Fx0020%5FTestimony%5Fx0020%5FDue&Fid=%7Bcf83db17%2D35ac%2D4ad6%2D8b42%2D160f03c43cb5%7D), Date and Time
   30. [First Name Phonetic](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=FirstNamePhonetic&Fid=%7Bea8f7ca9%2D2a0e%2D4a89%2Db8bf%2Dc51a6af62c73%7D), Single line of text
   31. [Last Name Phonetic](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=LastNamePhonetic&Fid=%7Bfdc8216d%2Ddabf%2D441d%2D8ac0%2Df6c626fbdc24%7D), Single line of text
   32. [Notes](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Notes1&Fid=%7B28543a97%2D16ea%2D40d4%2Db7e1%2D81b324018aa6%7D), Multiple lines of text
   33. [Testimony Outline Due](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Testimony%5Fx0020%5FOutline%5Fx0020%5FDue&Fid=%7B89cff410%2D81ab%2D4bec%2D8b3b%2D249cc7894c24%7D), Date and Time
   34. [VA Approval](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=VA%5Fx0020%5FApproval&Fid=%7B00286869%2Db367%2D4e2a%2D9bc2%2D4d714868a5ed%7D), Single line of text
   35. [Witnesses](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Witness&Fid=%7B0b64bcfd%2Dc151%2D4b26%2Da70c%2D88aa9b336658%7D), Single line of text
   36. [Task Complete](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Task%5Fx0020%5FComplete&Fid=%7B68df18d2%2De39a%2D4fdf%2D9481%2D2bbcaa37cd41%7D), Choice
   37. [Completed](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=Completed1&Fid=%7B6a513371%2D678e%2D4ca9%2D8025%2D26e6f1b5cb60%7D), Yes/No
   38. [3rd Draft Testimony Due](https://ben.blackhillscorp.com/sites/Regulatory/_layouts/15/ManageContentTypeField.aspx?ctype=0x0106000A37BB43B6A6294395856AE5329660B4&Field=%5Fx0033%5Frd%5Fx0020%5FDraft%5Fx0020%5FTestimony%5Fx0020%5FDue&Fid=%7Bd89d4cad%2Dd8f9%2D4dd8%2Db121%2D6bb49c2d4758%7D), Date and Time
4. Customizing the Regulatory Rate Review Code for Your Site:
   1. Regulatory Rate Review (This File is Optional):

* + 1. Find this Line of Code:

/sites/regulatory3/testdashboard/\_api/web/lists/GetByTitle('Regulatory Rate Review Status Update')

* + 1. Code Components:
       1. URL – /sites/regulatory3/testdashboard/
       2. REST API Code – \_api/web/lists/GetByTitle
       3. List/Library Name – 'Regulatory Rate Review Status Update'
    2. Code Changes:
       1. Change URL to Match Your Site’s URL
       2. Change the List/Library Name to Your List’s or Library’s Name
  1. Witness Testimony Summary:
     1. Find this Line of Code:

/sites/regulatory3/testdashboard/\_api/web/lists/GetByTitle('Contacts')

* + 1. Code Components:
       1. URL – /sites/regulatory3/testdashboard/
       2. REST API Code – \_api/web/lists/GetByTitle
       3. List/Library Name – ‘Contacts’
    2. Code Changes:
       1. Change URL to Match Your Site’s URL
       2. Change the List/Library Name to Your List’s or Library’s Name

* 1. Discovery Request Risk:
     1. Find this Line of Code:

/sites/regulatory3/testdashboard/\_api/web/lists/GetByTitle('Test Data Request')

* + 1. Code Components:
       1. URL – /sites/regulatory3/testdashboard/
       2. REST API Code – \_api/web/lists/GetByTitle
       3. List/Library Name – 'Test Data Request'
    2. Code Changes:
       1. Change URL to Match Your Site’s URL
       2. Change the List/Library Name to Your List’s or Library’s Name

1. Code Documentation: All Code Documentation is Embedded in the Code.
2. Wiki Page Content:
   1. Open the “Regulatory Rate Review Status Update.doc” in the Site Assets “dashboard” Folder
   2. Copy the contents of that file into the Wiki page’s web content section
3. Gotcha’s:
   1. The Field “RegulatoryPartner” Must be Used in Place of the Field “Regulatory Partner”. This is because when the Field is used in the Witness Testimony Summary Rest API files (wtsRestAPI.js) the Code Needed to Parse the Name Won’t Support Spaces in the Field.

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