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| BuildItSimple |
| 31/05/15 14:50 |
| **Author:** John Doe  **File name:** BuildItSimple.vp  **Version** 1.0 |

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| --- |
| Screens |
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02. Screens / BuildItSimple 

Splash-Login

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Comments

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| 3 | The password should be encrypted in the database using SQL Server 2012 simple encryption |
| 3 | Password field should be masked so the passord is not visible when being typed |
| 2 | User is validated using the spCheckUser SP. |

Interactions

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| 2 | **on Click:** goes to Package 🡪 |

02. Screens / BuildItSimple 

Package

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Comments

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| 1 | The SP to generate this list is spProjectPackageList, no parameters are required. |
| 4 | Clicking on the project/package would bring up the view pop up for that specific project package, the spPackageNote is the Sp for this |
| 4 | None of the column headers in this data grid are sortable. |
| 4 | The SP to poulate this data grid is spProjectPackageList, no parameters. The result will be sorted in the correct order |
| 4 | When (History) link is click a pop up will show a list of the version of the selected package.The spPackageHistory will provide this list of versions |
| 4 | The (Select) link sets a global session variable for the selected package. This weill be the reference package for any further work being done with Requirements or use-cases. |
| 4 | When (Edit) button is click the pop is populated with the spPackage note to allow user to view just the not portion of a package |
| 4 | When the (Status) is changed on the data grid it is consider a new package version with just the Version information being changed.Use the spPackageStatusUpdate SP to perform this function |

Interactions

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| 11 | **on Click:** goes to Requirements 🡪 |
| 12 | **on Click:** goes to Requirements 🡪 |

02. Screens / Package 

Other states

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|  | Comments   |  |  | | --- | --- | | 0 | After the (Link) create a new package version with updated notes the Data Grid behind the pop up must be refreshed to indicate the new version informationThe spProjectPackageList will provide the updated list. | | 0 | When the Update button is clicked a new Package version is created updating just the notes.The spPackageNoteUpdate SP will perform this function. | |
|  | Comments   |  |  | | --- | --- | | 6 | When one of the (Version) links is clicked the pop up will display that note. If the Version is greater than zero the popup doesn't allow for that to edited. If the version is zero (0) then an edit button will be displayed.The spPackageNoteHistory will provide the information for the link | |
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02. Screens / BuildItSimple 

Requirements

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02. Screens / Requirements 

Other states

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| Requirements |
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06. Requirements / BuildItSimple 

Browser

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| REQUIREMENT #9  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:46 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:46 |
| **Description**  This application must work with the following browsers-- Internet Explorer 11-- Chrome-- Firefox-- Safari | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

Test and QA environment

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #8  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:44 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:44 |
| **Description**  The application must be able to be reviewed via a standard internet connection. VPN's are not allowed during the testing and quality assurance. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

User Interface

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| --- | --- | --- |
| REQUIREMENT #7  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:43 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:43 |
| **Description**  The user interface should closely follow the Justinmind prototype. Developers will be granted access to the live prototype and documentation generated by the prototype.Screen layout, validation and navigation should follow this prototype.Developers can use alternative user interface methods that may improve the user experience or decrease development efforts. This alternative methods must be approved by the author. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

GUID

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| --- | --- | --- |
| REQUIREMENT #15  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 30/05/15 19:39 | VERSION: 1.0  LAST MODIFIED: 30/05/15 19:39 |
| **Description**  Most of the keys used in the database structure are composed of GUID's.. Unique identifiers that are 14 cgaracters in length. The application will need a GUID generator in order to create new GUID's as the system nees them.Whenever possible the application should generate new GUIDS as close to the data source as possible. In SQL Server 2012 theUNIQUEIDENTIFIER DEFAULT NEWID() can be used to generate anew GUID. GUIDS do NOT need to have {} around them | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

Production environment

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #6  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:40 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:40 |
| **Description**  The production environment for this application will be Windows 2012 using IIS version 8.0 and SQL Server 2012. Use of any special libraries is allowed but those libraries must be included in the BIN directory and publication manifest. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

Validation

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #14  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 15:26 | VERSION: 1.0  LAST MODIFIED: 27/05/15 15:26 |
| **Description**  Some validation on the screen may be evident. The general rule is that any field must either be selected, checked or have data entered into unless specified in individual comments in the prototype. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

HTML editing

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #5  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:38 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:38 |
| **Description**  a considerable amount of the editing of large text fields in this application will allow for the use of HTML embeeded codes. The applications requires the use of the TinyMCE JavaScript library. The author will provide the settings for TinyMCE to limit what functions the users are allowed to acces. Initially the "Basic" template is acceptable for this development. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

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Navigation

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #13  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 15:24 | VERSION: 1.0  LAST MODIFIED: 27/05/15 15:24 |
| **Description**  The navigation between pages and widgets on those pages is determined by the protoype. Not all links provided feedback or actual navigation as this is just a prototype. The general rule is that is if a widget is displayed on the page it should be considered and active widget. Not all widgets on a prototype page will perform an action.When necessary additional clarification on navigation will be provided in comments | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

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Last Read - New Add

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| REQUIREMENT #4  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:35 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:35 |
| **Description**  The majority of updates to the application will be based on the LRAN Last Read = Add New. Rows are NOT updated in the tables. When an update needs to be done to a table the Last version is Read, the user makes changes to this and then a new record a Added-New with the version number being incremented.There are only a few tables which will not follow the LRAN methodology. | | |
| **Justification** | | |
| **Comments** | | |
| **Source**  JSON Development Methods | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

jQuery and JavaScript

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| REQUIREMENT #3  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:30 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:30 |
| **Description**  The use of JavaScript and or jQuery libraries is highly recommended. Some of the functional requirements of this application may require use of such libraries. | | |
| **Justification**  More rtapid development and improved user interface. | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

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CSS

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #12  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 15:20 | VERSION: 1.0  LAST MODIFIED: 27/05/15 15:20 |
| **Description**  The protoype reveals some of the CSS formatting of objects in the application. The developer can use any style sheet methods that will produce the desired user interface as indicated in the prototype.Here are some known styles that can be included in the applications style sheet.Hyperlinks - Not underlined until a hover overMenu items, change to inverse color | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

Database

|  |  |  |
| --- | --- | --- |
| REQUIREMENT #2  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:27 | VERSION: 3.0  LAST MODIFIED: 30/05/15 21:53 |
| **Description**  Development will use a prepared SQL Server 2012 database with all tables, views and stored procedures. Developers will be given basic application access but will not be able to create or modify table, view or stored procedure.All SQL Server objects will be created by the author for use by the developer. Any changes to these objects will be done by the author.Tables will be initially populated with data to be used to get development started quickly. It is understood this data will change as a result of development.Stored Procedures will be used for all access to database. All tables will have an associatede view with them. The view object that end in a (lr) represent the Last Read version of that table. LR objects will have a single row for a GUID with the the latest version. | | |
| **Justification**  Database must reside on a PWC controlled server. Limited DBO access to the development area is required for security. | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

06. Requirements / BuildItSimple 

Developer guidance

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| --- | --- | --- |
| REQUIREMENT #11  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:51 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:51 |
| **Description**  Additional comment to the developers at the screen level will be provided directly in the protoype. Developers will be encourged to enter questions about the design, User interface, database access and other areas directly into the prototype.The developer will be granted a free reviewer license for the Justinmind environment to allow them the capability to enter questions or comments. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

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IDE

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| --- | --- | --- |
| REQUIREMENT #1  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:23 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:23 |
| **Description**  Development must be done in Visual Studio 2010. Visual Basic is preferred over C# but either are acceptable. | | |
| **Justification**  Must be able to be maintained by in-house staff after development | | |
| **Comments** | | |
| **Source**  Design | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |

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Responsive

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| REQUIREMENT #10  AUTHOR: John Schuster | REQUIREMENT TYPE: Functional  CREATION DATE: 27/05/15 14:47 | VERSION: 1.0  LAST MODIFIED: 27/05/15 14:47 |
| **Description**  This application will only be available for browser users using PC devices. The application does not need to be responsive for tablets or other mobile devices. The target resolution is based on the resolution of the prototype. | | |
| **Justification** | | |
| **Comments** | | |
| **Source** | | |
| **Fit criteria** | | |
| **Tests** | | |
| Related to | | |