# Project\_Dash\_Test\_Plan

## **Version: DEV-TP-PD-0.0.0.1**

## **Author: Mark Farrell /** [**mfarrell109@gmail.com**](mailto:mfarrell109@gmail.com)

## **Previous Version: None**

## Purpose

The purpose of this document is to provide a test plan that identifies the following objectives:

* Application Details
* Test Configurations
* Features to be tested
* Test Scenarios
* Environment Needs
* Planning Risk
* Summary

## Application Details

**UI/UX Requirement**

The following section outlines the requirements that were given to the UI/UX candidate. The candidate was allowed to use what they wanted to in terms of technology but we asked that they solution it with AngularJS at the very least.

As part of a new application the UI/UX resource has been tasked with creating a landing page/dashboard (prototype) to show at the next Managers Meeting. This landing page will allow users to access all the available 'records' for a specific set of data with some additional features outlined below.

**Overview of Application Data Model**

Each record in the model contains the following properties:

* Title – Text
* Division - Text
* Project Owner - Text
* Budget – Number, should be displayed as dollars: $XXX.XX
* Status - Text
* Created Date – date: MM/DD/YYYY
* Modified Date – date: MM/DD/YYYY

### **Application Functional Requirements**

* Users need to be able to filter/search for the records on any one of the given properties of a record. When filter/searching by date users will supply a range, all other fields would use their corresponding data type. Users can use more than one filter at a time.
* Each record needs to allow a user to: change the status, change the Project Owner, and adjust the budget. These features should be available in-line without going to another page. When a record is changed please provide some sort of feedback to the user.
* Each record needs to supply a link/button/etc to go to a more in-depth page. The link is not active and you don’t need to create the secondary page. This is only to show that each record gives the user the ability to go to another page.
* Management has asked that the screen offer some high-level/summations/statistics about the current records. They are not interested in charts/graphics (they are minimalists at heart), but want some statistics related to the records in the UI, something that tells the story at a glance. They have given you some discretion in terms of what to show and how to show it, but it should reflect the current dataset.
* Please provide inactive/placeholder (non-working) UI elements for Users to:
  + add a new record
  + export the records on screen to Excel or PDF
* The name/title of the application/page is: Project Dashboard

**Application Technical Requirements**

Users will be using this from their desktop on at least a 1280x768 monitor. There is no need to build this to be mobile friendly, as most users will use this on their desktop. The target browser is the latest stable version of Chrome.

**Application Data Set**

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"title": "Tagtune",

"division": "Accounting",

"project\_owner": "Kevin Snyder",

"budget": 20614.14,

"status": "archived",

"created": "09/14/2015",

"modified": "10/02/2015"

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"title": "Oyoyo",

"division": "Administration",

"project\_owner": "Eugene Brown",

"budget": 22106.44,

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"created": "07/17/2015",

"modified": null

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"title": "Lajo",

"division": "Marketing",

"project\_owner": "Killgore Trout",

"budget": 15481.27,

"status": "working",

"created": "07/19/2015",

"modified": "09/17/2015"

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"division": "Administration",

"project\_owner": "Richard Henry",

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"division": "Administration",

"project\_owner": "Michelle Webb",

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"modified": "09/15/2015"

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"title": "Aibox",

"division": "Administration",

"project\_owner": "Killgore Trout",

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"created": "09/03/2015",

"modified": "10/02/2015"

}, {

"title": "Buzzdog",

"division": "Administration",

"project\_owner": "Michelle Webb",

"budget": 22610.09,

"status": "archived",

"created": "07/26/2015",

"modified": "10/01/2015"

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"title": "Plambee",

"division": "Sales",

"project\_owner": "Michelle Webb",

"budget": 14229.02,

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"modified": "10/01/2015"

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"division": "Administration",

"project\_owner": "James Holden",

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"status": "working",

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"modified": "09/18/2015"

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"title": "Quimm",

"division": "Marketing",

"project\_owner": "James Holden",

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"title": "Innojam",

"division": "Sales",

"project\_owner": "Eugene Brown",

"budget": 24318.05,

"status": "working",

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}, {

"title": "Jaxworks",

"division": "Production",

"project\_owner": "Michelle Webb",

"budget": 15054.27,

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"modified": null

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"title": "Skyble",

"division": "Accounting",

"project\_owner": "Richard Henry",

"budget": 13810.1,

"status": "delivered",

"created": "07/12/2015",

"modified": "09/21/2015"

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"title": "Photobean",

"division": "Marketing",

"project\_owner": "Michelle Webb",

"budget": 12637.95,

"status": "working",

"created": "08/24/2015",

"modified": "09/15/2015"

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"title": "Topicware",

"division": "Administration",

"project\_owner": "Eugene Brown",

"budget": 9667.52,

"status": "working",

"created": "08/01/2015",

"modified": "09/29/2015"

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"title": "Buzzster",

"division": "Production",

"project\_owner": "Nicole Smith",

"budget": 14657.54,

"status": "working",

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"modified": "09/18/2015"

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"division": "Administration",

"project\_owner": "Kevin Snyder",

"budget": 17729.37,

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"title": "Blognation",

"division": "Production",

"project\_owner": "Eugene Brown",

"budget": 19540.82,

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"modified": "09/22/2015"

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"title": "Flashdog",

"division": "Production",

"project\_owner": "Michelle Webb",

"budget": 24870.61,

"status": "working",

"created": "07/05/2015",

"modified": "10/02/2015"

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"title": "Yakijo",

"division": "Accounting",

"project\_owner": "Killgore Trout",

"budget": 23533.54,

"status": "working",

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"modified": "10/01/2015"

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"title": "Quatz",

"division": "Sales",

"project\_owner": "Richard Henry",

"budget": 23639.65,

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"title": "Dabjam",

"division": "Marketing",

"project\_owner": "Kevin Snyder",

"budget": 14356.55,

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"division": "Sales",

"project\_owner": "Kevin Snyder",

"budget": 13882.22,

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"division": "Marketing",

"project\_owner": "Eugene Brown",

"budget": 10306.87,

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"created": "08/11/2015",

"modified": "09/17/2015"

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"title": "Quaxo",

"division": "Administration",

"project\_owner": "Nicole Smith",

"budget": 13945.69,

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"created": "07/13/2015",

"modified": "09/21/2015"

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"division": "Production",

"project\_owner": "Nicole Smith",

"budget": 23136.21,

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"modified": "09/19/2015"

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"title": "Dabtype",

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"project\_owner": "Richard Henry",

"budget": 22000.98,

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"created": "08/26/2015",

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"division": "Marketing",

"project\_owner": "Eugene Brown",

"budget": 17620.23,

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"title": "Kimia",

"division": "Sales",

"project\_owner": "Richard Henry",

"budget": 12061.73,

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"created": "08/31/2015",

"modified": "09/29/2015"

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"title": "Dazzlesphere",

"division": "Accounting",

"project\_owner": "Eugene Brown",

"budget": 21443.97,

"status": "archived",

"created": "07/20/2015",

"modified": "10/01/2015"

}]

**Running the Application**

The following instructions should be run from the command line at the root of the app directory.

The application uses NodeJS to run a small local server. In order to run the app you will need to install node, bower, and grunt:

1. Node.js and npm (https://nodejs.org) Node ^4.2.3, npm ^2.14.7
2. Bower (http://bower.io/) npm install --global bower
3. Grunt (http://gruntjs.com/) npm install --global grunt-cli

Once the above resources have been installed follow these steps to get the resources and run the applciaiton:

1. Run npm install to install grunt and node modules dependencies.
2. Run bower install to install front-end dependencies.
3. Run grunt serve to start the development server. It should automatically open the client in your browser when ready.

## Test Configurations

|  |  |
| --- | --- |
| Environment | Development |
| User(s) | TestAgent1234 |
| Web Browser(s) | Chrome |
| Multiple Platform Testing | Yes |
| Automation Testing | Yes |
| Manual Testing | Yes |
| Performance Testing | No |
| Load Testing | No |
| Stress Testing | No |
| Security Testing | No |
| System Testing | Yes |
|  |  |

## Features To Be Tested

|  |  |
| --- | --- |
| Feature | Priority |
| User(s) can access all data from landing page | 1 |
| Data model properties are correct | 1 |
| User filter using any existing property | 2 |
| User can user more then one filter at a time | 3 |
| Each record needs to allow a user to: change the status, change the Project Owner, and adjust the budget | 1 |
| When a record is changed please provide some sort of feedback to the user. | 2 |
| Each record needs to supply a link/button/etc to go to a more in-depth page | 1 |
| Non active buttons don’t provide a link to a secondary page |  |
| Management has asked that the screen offer some high-level/summations/statistics about the current records | 1 |
| Please provide inactive/placeholder (non-working) UI elements for Users | 3 |
| The name/title of the application/page is: Project Dashboard | 1 |

## Test Scenarios

## Planning Risk

* There is risk that there won’t be users from different roles/access types to test validate each type is getting data. Collaborating with other team and team members may be necessary to get the different role types to do get this tested properly
* There is risk that the Automation Suite won’t get done 100% because the amount of time

## Summary

The testing efforts which includes manual, automation and system testing. There has been test artifacts that have been created to support this test plan. The test plan should only take until 1/30/2019. After testing in development, further additional testing will need to take place in testing and staging environments before going into production. Testing that didn’t get done will get thrown into the backlog and prioritized and that effort will be planned the agile team. Awaiting further instructions after creating test suite using Java and other testing frameworks.