Test Strategy
Scope of Testing

What features and functionality would you consider to be in or out of scope to be tested?
Due to the size of the application and the complexity the testing of this application should be relatively light. A good portion of the features can be tested using Automation and through quick tests.

We will want to make sure we test on earlier versions of IE 10 or earlier as a quick test to ensure that the error message to upgrade browser displays.

Features that need to be tested:
Name & Picture matching - Will need to be done manually to determine picture dimensions and name are matching. This can be automated to a certain degree by checking the image source and verifying naming conventions match the name. For instance David Chen could be matched to <img src="//images.ctfassets.net/3cttzl4i3k1h/6lAX02vqZGOKCwA0sosk8g/d2803f7b5c159b8fd94aa 261cf3d7868/DavidChen.jpg">.

Counters - Tested through Automation or Unit tests. Relatively low in testing energy as the fields are increments and will only increase by one. The streak counter will only increase by one or reset to zero.

Adding and Removing colleagues - Will require a little more testing than other areas. This is due to issues with how colleagues are removed and stored. If the application will be hosted externally by us then we will need to verify how the pictures and names are being linked. Will they be stored in a database or other methods? Can be automated by adding or removing a colleague and running a test to make sure that name/picture do not appear.

Outside Scope:

Authentication (Will require more clarity from client due to clarity issues with definition. Will there be a front facing login page to prevent outside user access? Will the application need to comply with certain security practises or regulations?

Correct and Incorrect Answers probability - Due to the broad definition of probability this falls outside the scope of testing. What is considered or lower probability? Without client input we cannot determine if this is necessary.

Risk Analysis Risks to the projects such as:
 ● What information/data will you need to test?

We will need information on the authentication portion as that is not laid out. I would also for the mobile portion like to get what os versions we are supporting. If this is only internal based and will not be used by external users I would like a breakdown of what browsers and machines they are using. (Are they Mac or Windows?) While this product is not large in size or scope will there be a need for performance/load testing based on company size and concurrent users?

● Are there any dependencies?
One main dependency is making sure that name/picture match before testing add/remove colleagues.

On the testing side we will need to have correct or incorrect selections correspond to the counters. A correct selection will need to be accurate in order to increase the correct counter and add to the streak. A incorrect will need to keep the correct counter static and reset the streak counter. Finally a selection will be needed and either correct or incorrect will need to increase the attempts counter.

● Anything else you can think of?
Currently the application is also web based but as per the original documentation a desktop version is mentioned. Who will be creating this and what support will be needed. Will we require a exe and dmg version or a linux version? For the mobile / tablet department the same issues arise as where this application will be available to download. Will it be for internal use only or will it be available through a marketplace?

Testing Objectives What are the testing goals or objectives? How do we know they've been achieved?

Testing Goals will be achieved when bugs are minimal or superficial. The overall goal is to ensure that core features are working as intended and support is met based on specifications. This will be achieved when unit test code coverage is over 90%.

Defects:

Detailed Report:

Title: Who is lowercase in the title for all browsers

Browsers: All
Severity: Minor
Priority: High

Users affected: All
Description: When using the Name Game the title at the top of the page has who in lowercase.

Steps to Repo:
1. Navigate to the Name Game Url: http://www.ericrochester.com/name-game/
2. Wait for page to load fully
3. Who is lowercase.

Screenshot:

Detailed Report:

Title: Certain pictures are displaying as smaller than dimensions

Browsers: All
Severity: Minor
Priority: Minor

Users affected: All
Description: Certain colleagues are displaying with their images skewed and difficult to see. This could be do to the dimensions being set incorrectly at the image level. Doesn't appear to be an issue based on location of image in the row.
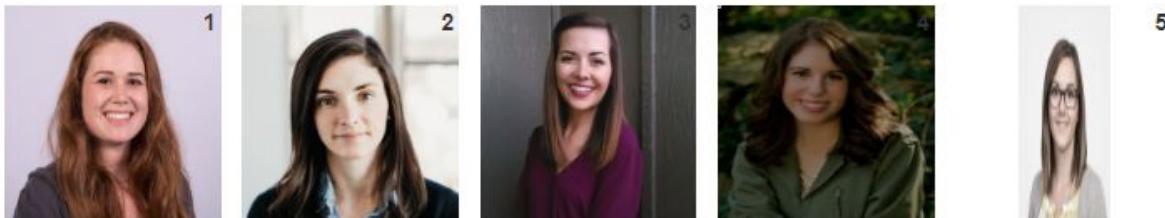Steps to Repo:
1. Navigate to the Name Game Url: http://www.ericrochester.com/name-game/
2. Wait for page to load fully
3. Look for colleague image to be skewed.
4. A good example is Julia Swenson.
5. If the image is not skewed initially answer a few correct until you get to hers for example.
6. An alternative way to repo is to add a colleague with dimensions incorrectly set.

Screenshot:

Other Issues:
1. If name is too long the text wraps outside of the box on selection.
2. Who is lowercase in the title.
3. Name Game is also lowercase.
4. Can keep selecting people even after correct person is selected.
5. Name text is just set to white but can be highlighted below the box.
6. Refresh only resets the picture and question but not any counter.
7. Pictures do not stretch to accommodate box size.
8. Incorrect selections can still be selected after choosing the correct selection.
9. In certain instances a user will display as Willowtree staffing. This could be an error in the backend.