| Business  Req | Functional  Req | Tech  Req | Rating | Title | Description |
| --- | --- | --- | --- | --- | --- |
| Checkmark |  | Checkmark | 5 | Multiple views | The visualization tool will feature multiple views for different users. For example, the executive view will show a high-level view of all the nodes that are inactive/active, but not too much detail about the nodes. Just the overall health. There will be multiple visualization as well for more in-depth focus for different users trying to focus on parts of the business/application. |
| Checkmark |  |  | 5 | Dashboard | The dashboard will be the page that will show the high-level overview/health of the system. This page will also allow to navigate to the other visualizations. |
|  | Checkmark | Checkmark | 3 | At least one Visualization | At least one of the visualizations will show how each of the applications/services will interact. This means that the visualization will help in showing the structure of the business. |
| Checkmark | Checkmark |  | 3 | Information in nodes | There will be information displayed in at least one of the visualizations/graphs that will provide information when clicked on/other action. |
|  | Checkmark | Checkmark | 5 | Show nodes | Each application/service should have a node in the visualization. Not all visualizations DON’T need to have ALL the nodes, but they should be specific to the visualization. |
| Checkmark |  |  | 2 | Give overall health percentage | Show an overall health percentage (active nodes out of all nodes) to better give a quick glance at the visualization. |
|  | Checkmark |  | 3 | Possibly connect to database. | Connecting to database will allow faster refreshing of data used in the visualization. |
| Checkmark |  | Checkmark | 2 | Show direction of node information (relationship) | The relationship between nodes should be directional to show either input or output. |
| Checkmark |  |  | 3 | KPI responses. | The KPI that will be used should be displayed on nodes. The KPI will be used to determine if nodes are exhibiting troubles, or other defects. |
| Checkmark |  |  | 3 | Color coded nodes/info | The nodes should be color coded to show the different layers of the architecture. For example, the application nodes should be a different color than the nodes that belong to service. |
| Checkmark |  |  | 1 | Machine Learning | Use machine learning to see which nodes have the most possibility to go down/ simulate how the environment/ nodes respond. This is a big stretch goal. |
|  |  |  |  |  |  |

**Legend:**

**Rating 1 – 5 for importance of requirement.**

**5 = Critical**

**1 = low importance**