Revised Sprint Plan

After discussing with the Project Owner, there are a few changes in our plan and we provided a revised version of the sprint and release plan. Instead of three visualizations, we agreed to complete only two with more features for each.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Week 1**  **Jul 30** | **Week 2**  **Aug 06** | **Week 3**  **Aug 13** | **Week 4**  **Aug 20** | **Week 5**  **Aug 27** | **Week 6**  **Sep 03** | **Week 7**  **Sep 10** | **Week 8**  **Sep 17** |
| **Sprint 1** | | **Sprint 2** | | **Sprint 3** | | **Sprint 4** | |
| **Release 1**  **Aug 20** | | | | **Release 2**  **Sep 17** | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Week 9**  **Sep 24** | **Semester Break**  **Oct 01** | **Week 10**  **Oct 08** | **Week 11**  **Oct 15** | **Week 12**  **Oct 22** | **Week 13**  **Oct 29** | **Week 14**  **Nov 05** |
| **Sprint 5** | | | **Sprint 6** | | **Sprint 7** | |
| **Release 3**  **Oct 22** | | | | | **Release 4**  **Nov 05** | |

# Release 1

Delivery date: August 20th, 2021 Total Story Points: 13

Design homepage and create a basic structure of the bubble graph.

**Homepage**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S01** | Design homepage with two basic tabs | 2 |
| **S02** | Show graph description | 1 |
| **S03** | Route to the graph | 1 |
| **S04** | Basic AMR page | 1 |
|  | **Story Points Sub-Total** | 5 |

**Basic Bubble Graph**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S05** | AMR bubble chart | 3 |
| **S06** | View AMR Bubble color | 2 |
| **S07** | View AMR bubble size | 1 |
| **S08** | Interact the bubble chart | 1 |
| **S09** | Hover over the sample | 1 |
|  | **Story Points Sub-Total** | 8 |

S

# Release 2

Delivery date: September 17th, 2021 Total Story Points: 13

Create basic Node network graph.

**Node Network Graph**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S10** | Basic Graph structure | 4 |
| **S11** | Show sample node | 2 |
| **S12** | Link the node according to AMR | 2 |
| **S13** | Highlight the node when hover | 2 |
| **S14** | Node color | 2 |
| **S15** | Showing node ID | 1 |
|  | **Story Points Sub-Total** | 13 |

# Release 3

Delivery date: October 22nd, 2021 Total Story Points: 13

Release 3 is dedicated for enhancing two visualizations, improve them with additional features

**Bubble Chart Improvement**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S16** | Zoom in and out | 3 |
| **S17** | Highlight AMR bubble | 1 |
| **S18** | Search sample | 1 |
| **S19** | Delete and restore sample | 1 |
|  | **Story Points Sub-Total** | 6 |

**Node Network Improvement**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S21** | Clustering the network | 2 |
| **S22** | Minimum Spanning Tree | 2 |
| **S23** | Drag and drop node | 2 |
| **S24** | Drag and drop chart | 1 |
|  | **Story Points Sub-Total** | 7 |

# Release 4

Delivery date: November 5th, 2021 Total Story Points: 6

The final release is for integration with the previous Capstone Project.

**Integrations**

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S25** | Change Navigation bar | 2 |
| **S26** | Routing | 2 |
| **S27** | Link Homepage | 2 |
|  | **Story Points Sub-Total** | 7 |