

<b><u>Component</u></b>	<b><u>Priority</u></b>	<b><u>Requirement Name</u></b>	<b><u>Requirement Description</u></b>
Starter Project Health Model	1	Bus Factor	Determine the smallest number of people that make 50% of contributions
Starter Project Health Model	2	Time to First Response	Determine the amount of time between when the activity was opened and when it recieved the first response from a human
Starter Project Health Model	2	Change Request Closure Ratio	Measure the ratio between the total number of open change requests during a time period versus the total number of change requests closed in that same period
Starter Project Health Model	2	Release Frequency	Determine the frequency of project releases
Community Activity Model	1	Contributor Count	Determine how many active commit authors, review participants, issue authors, and issue comments participants there are in the past 90 days.
Community Activity Model	3	Comment Frequency	Determine the average number of comments per issue in the last 90 days
Community Activity Model	1	Commit Frequency	Determine the average number of commits per week in the last 90 days
Community Activity Model	2	Updated Issues Count	Determine the number of issues updated in the last 90 days
Community Activity Model	2	Recent Releases Count	Determine the number of releases in the past year

8Knot	1	Display Visualizations	Determine how to display each metric by modifying the graphs
8Knot	1	Search for Repository	Search for a given repository to generate visualizations
8Knot	3	Save State	Store current visualization for later comparison
8Knot	3	Store Frequently Visited Repos	Recall previously visited repos
Community Activity Model	3	Individual Contributor Metrics	Generate visualizations for specific users
Starter Project Health Model	2	Alternate Bus Factors	Bus factor metrics focused on different types of contributions
Community Activity Model	3	Depth of Issue Discussion	Metric measuring the number/length of comments in response to an issue as a proxy for meaningful examination by maintainer
8Knot	1	Metric Model Pages	Create separate, navigable pages for each metric model