Agile KPIs

Capability: Simple & User-Friendly UI

Feature	Feature Intent
User can access a dashboard that provides Statistics & KPIs	User doesn't have to access multiple reports or individual dashboards; rather they can access a single area where all the data is pulled together
User can access specific information by selecting multiple filters	User can drill down all output by selecting one or more filters on a single page
User is only presented with information they are permitted to see	Users cannot view other scrum team statistics unless they are permitted to and granted access
User is presented with data from all scrum teams for the current sprint	User doesn't have to navigate to multiple URLs or Dashboards to get information and can see aggregated results when one resource spans multiple scrum teams

Agile KPIs

Source Data From	Owner	Priority	Capability	Feature	Feature Intent	Approach	Version1	Version2	Version3	Version4	Version5
Jira			Access Scrum Statistics	User can determine committed and completed story points	Throughput can be determined to determine if everyone is contributing to an acceptable level	Can be part of single area in PowerBI; however, we suggest 25% as acceptable per person throughput?					
Jira			Access Scrum Statistics	User can determine current story points by status	A user can determine whether or not a sprint is "on the right track"	Current Story Points by Status does not highlight the Sprint progress, Burndown chart will show the daily Sprint progress instead. This can be part of single area in PowerBI.	X				
Jira			Access Scrum Statistics	Sprint Readiness	Whether sufficient stories exist in the backlog for future sprints.	Sufficient Stories need to be in "Story Approved" or at least in "In Refinement" status to showcase Sprint Readiness. This can be part of single area in PowerBI.					
Jira			Access Scrum Statistics	User can determine stories added or removed after the sprint started	Management can measure whether or not the process is working as it should. Thes e numbers should decline over time	There are two statistics shown in the same graph: 1. Stories added after the Sprint start with trendline. 2. Stories removed after the Sprint start with the trendline. This can be part of single page/area in PowerBI.					

Jira			Access Scrum Statistics	User can determine burndown velocity	A visualization can provide the user with a quick view of how the scrum team is performing	Possible solution with PowerBI.	X				
Jira			Access Scrum Statistics	User can determine overall velocity	A bar chart and tabular display lets the user see quickly the overall velocity for the sprint	Possible solution with PowerBI.	X				
Jira			Access Scrum Statistics	User can determine lead time	Measures the overall efficiency of the agile system end to end. Lead time is from when the story was created and placed into the backlog and when it was completed. When lead time is reducing, it mean that the development pipeline is becoming more efficient.	Possible solution with PowerBI.					
Jira			Access Scrum Statistics	User can determine the cycle time	A typical cycle time should be 1/2 the sprint legnth - when they are longer than a sprint, it show s that work is not being completed that was committed to.	We need to calculate the number of days the Story takes from "In Development" to "Ready for Release"					
Jira			Access Scrum Statistics	User can determine the cumulative flow	This will help determine if there are bottlenecks occuring in any specific part of the sprint process		X				
Jira			Access Scrum KPIs	User can determine forecast accuracy and compare the KPI sprint over sprint	Management can determine if a PO or Resource is providing accurate forecasts and /or if a resource is over or under performing						
Jira			Access Scrum KPIs	User can determine capacity percentage	Management can determine if a resource has excess bandwidth to participate in other projects and/or other tasks needed by the business						

Jira			Access Scrum KPIs	User can determine Story Rejection Rate	Management can determine if a PO or BSA are constructing stories that have complete requirements						
Jira			Access Scrum KPIs	User can determine Story Addition Rate	Management can determine when scope creep is occurring or when proper sprint planing and commitments are not being followed						
			Access Scrum KPIs	User can determine benchmarked performance	Management can compare "like stories" to determine if every resource type (i.e., data engineers, UI /UX developer) is performing close to the same level and not increasing story points						
			Access Scrum KPIs	User can determine overall capacity	Management can determine whether new resources are needed in a scrum, or when resources can be removed from a scrum		X				
			Filter Scrum Statistics & KPIs	User can filter scrum statistics /KPIs by individual person, role, scrum	Assists with root cause analysis, or dedicated reporting needs						
			Filter Scrum Statistics & KPIs	User can filter by scrum statistics /KPIs by specific sprint, all sprints, or by sprints within a defined range (up to a rolling 13 months)	Assists with root cause analysis, or dedicated reporting needs		X				
			Filter Scrum Statistics & KPIs	User can filter by "funding project"	Assists with root cause analysis, or dedicated reporting needs		X				
			Filter Scrum Statistics & KPIs	User can filter by Global Resource and Affiliate Resource	Assists with root cause analysis, or dedicated reporting needs		X				
			Filter Scrum Statistics & KPIs	User can filter by specific Afiliate Resource	Assists with root cause analysis, or dedicated reporting needs		X				

			Access Demand & Capacity Statistics	User can determine capacity by specific resource, resource type, scrum, and overall	Management can determine when resources need to be scaled up or down and when a resource with bandwidth can be assigned to other tasks.						
			Access Demand & Capacity Statistics	User can determine percentage of allocation by specific resource, resource type, scrum, and overall	This can automate the capacity tracker for all BTS Global Resources						
			Access Demand & Capacity Statistics	User can determine demand in the future	Allows leadership to scale up /down resources in advance or in preparation of a demand increase /decrease without wasting money or overwhelming resources						
			Access Forecast Accuracy Rates	User can compare what was forecasted vs what the actuals were for each story by number and percentage	Management can measure whether there is an issue with PO forecasts, or resource ability to deliver so that adjustments, training, or upskilling can occur						
			Access Forecast Accuracy Rates	User can see a "burn down" by project forecast	User can determine whether a project forecast by resource and work effort was accurate						
			Filter Forecast Accuracy Rates	User can filter forecast rates by individual person, role, scrum	Root cause analysis can be conducted to determine where forecast accuracy rates are better or worse than expected.						
			Filter Forecast Accuracy Rates	User can filter forecast rates by specific sprint, all sprints, or by sprints within a defined range (up to a rolling 16 sprints)							
			Filter Forecast Accuracy Rates	User can filter by "funding project"			X				

			Filter Forecast Accuracy Rates	User can filter by Global Resource and Affiliate Resource	Allows BTS global to exclude affiliate resources for reporting purposes as not everyone in the affiliate level will be dedicated 100%. It give the ability to measure co-creation effectiveness						
			Filter Forecast Accuracy Rates	User can filter by specific Afiliate Resource	Allows for affiliate resource reporting						
			Access Trend Analysis	User can assess Statistics & KPIs for the previous 15 sprints, YTD, and prior YTD beginning in 1/2024	Management can determine whether the scrum process is improving or deteriorating over time		X				
			Access Trend Analysis	User can assess Forecast Accuracy Rates for the previous 15 sprints, YTD, and prior YTD beginning in 1/2024	Management can determine whether the scrum process is improving or deteriorating over time						
qTest Insights			Gain valuable insights into the testing processes	Provide various visualization options, including bar charts, pie charts, line charts, and tables	The tool provides real-time access to testing data, ensuring that reports and dashboards reflect the latest information on test execution, defects, and other testing metrics. Reports and dashboards can be exported in various formats (e.g., PDF, CSV) for easy sharing with team members.	qTest Insights is a reporting and analytics tool used to gain insights into the testing processes, track project progress,					
CI/CD		Sasi /Sachin	Perform automated reviews of code to detect bugs, vulnerabilities, and code smells	Helping developers to identify issues in code and also helping to understand and resolve effectively	Enforce coding standards and improve overall codebase health, mitigating risks prior to deployment.	Using SonarQube tool for comprehensive suite of features designed for enhancing code quality and security, integral to modern, robust software development processes.					

CI/CD		Sasi	Flexible, scalable, and efficient platform for automating the build, testing, and deployment of applications across multiple environments.	Azure Pipelines offers cross-platform build and deployment capabilities, allows seamless integration with Azure Repos as version control systems, also designed to adhere to compliance standards and includes features like secure secret management	Azure Pipelines are centered around enhancing the efficiency, flexibility, security, and scalability of the CI/CD process	Azure Pipelines support continuous integration and continuous delivery, enabling teams to rapidly deliver quality software.					
CI/CD		Sachin	Copado offers a comprehensive DevOps solution, streamlining and automating the deployment for Salesforce environments.	Copado integrates seamlessly with Salesforce, facilitating automated build, test, and deployment processes. It also integrates with versin control systems like Azure Repository and custom Integration with JIRA and Azure Pipelines.	The intent is to enhance deployment efficiency and reliability in Salesforce ecosystems, reducing manual efforts and errors while accelerating the overall release cycle.	For Salesforce Projects, Copado offers a reiable, efficient Ci /CD system					