

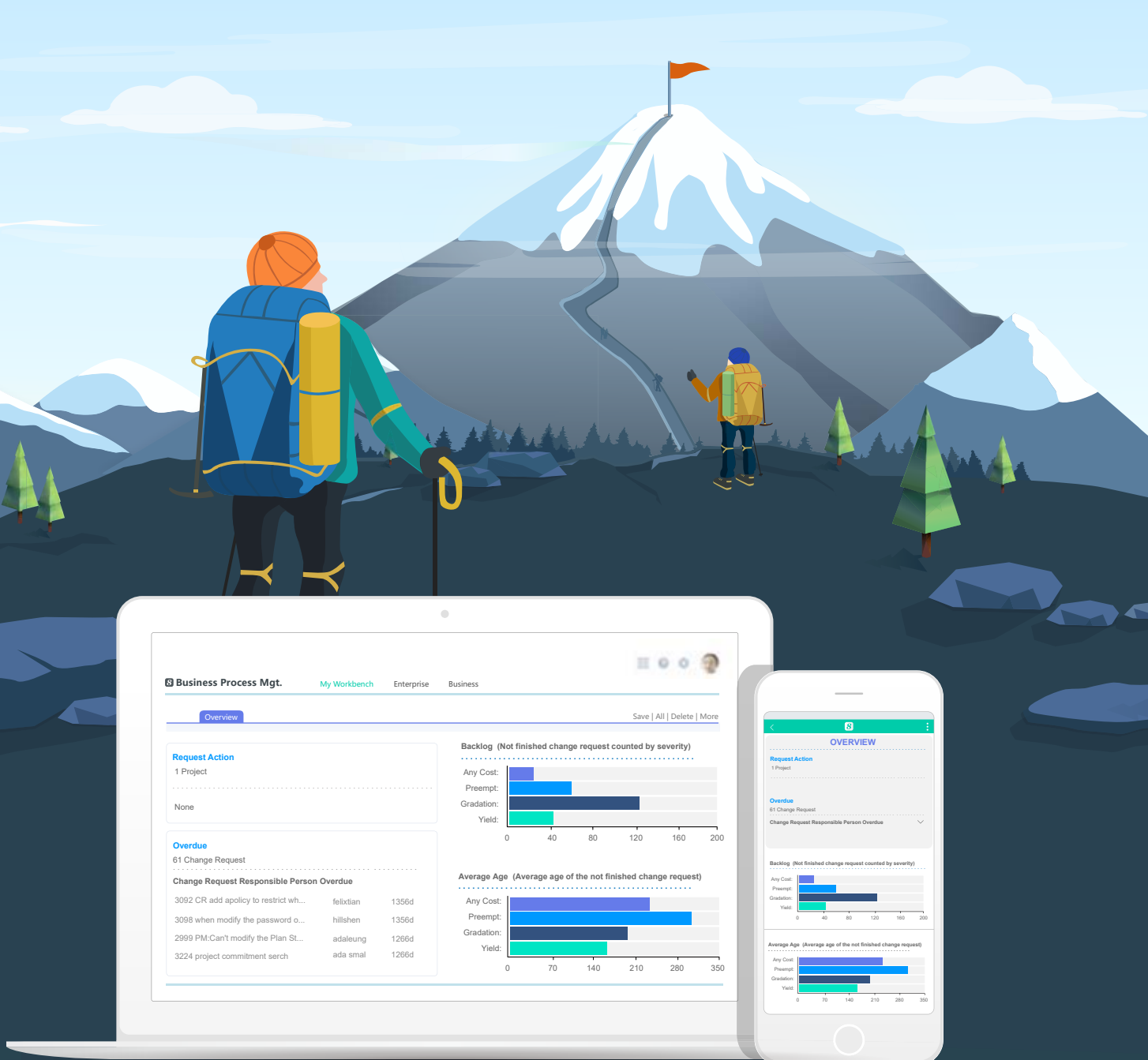


## **8** Software/IT Project Mgt.

Most important to have clear specifications and consider end-users and implement end-user testing

# 8 Software/IT Project Mgt.

In software/IT project execution, many factors need to be measured and provided to the team members in real time, such as delivery cycle, deployment frequency, test coverage, error rate, time-to-resolve issues, incremental user satisfaction and team speed. Without the right information at the right time, project managers simply can't accurately solve problems, and the team certainly can't be efficient. 8 is designed to measure important factors in real time and be able to disseminate the needed information to each team member in the right situation at the right time. The people involved in each short specification-development-testing-deployment receive instant feedback and increase their motivation and abilities to perform effectively.



# Clear Specifications

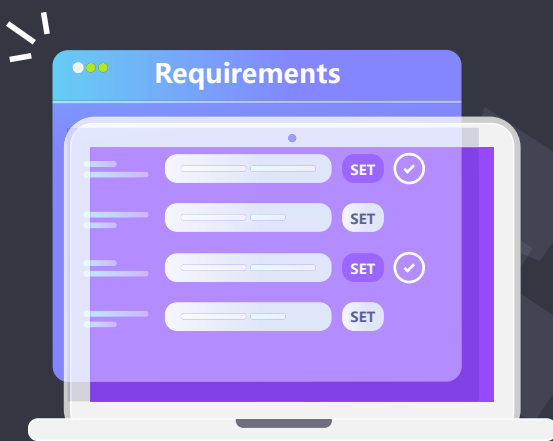
(with careful end-user consideration)



## End-user Involvement

End-user involvement plays a crucial role in the design, implementation, and enhancement of software/IT systems. It provides valuable insights into what the end-users need and want, which can guide the development and deployment processes of software/IT systems.

8 provides tools for project teams to include end-users in activities such as user interviews, surveys, usability testing and feedback sessions and track the outputs (deliverables) of these activities and the dependencies of other activities depending on them.



## Requirements Specification

8 provides tools to organize the end-user requirements of your project and label them so that they are trackable.

The requirements specification after sign-off forms the basis for the entire project planning and implementation by setting clear guidelines for design, development and deployment processes.

## Design Specification

8 provides tools for project teams to organize design activities and track their output (deliverables) to ensure proper reviews are being done before sign-off.



## Test Specification

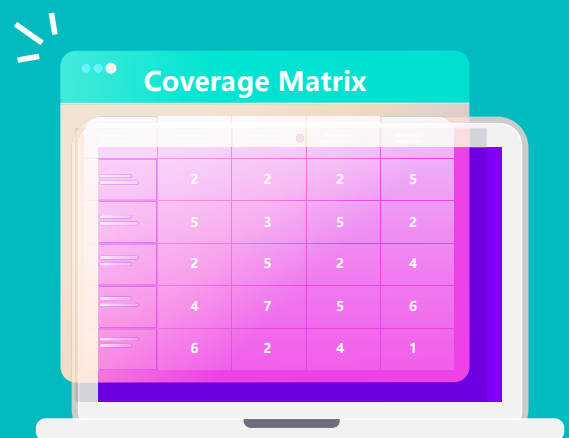
A test specification is to outline the details of a test approach, including the tests to run, the scenarios to test, and the expected outcomes.

8 provides tools for project teams to specify their test cases and organize them so that their execution results are trackable.

## Requirements Coverage Matrix

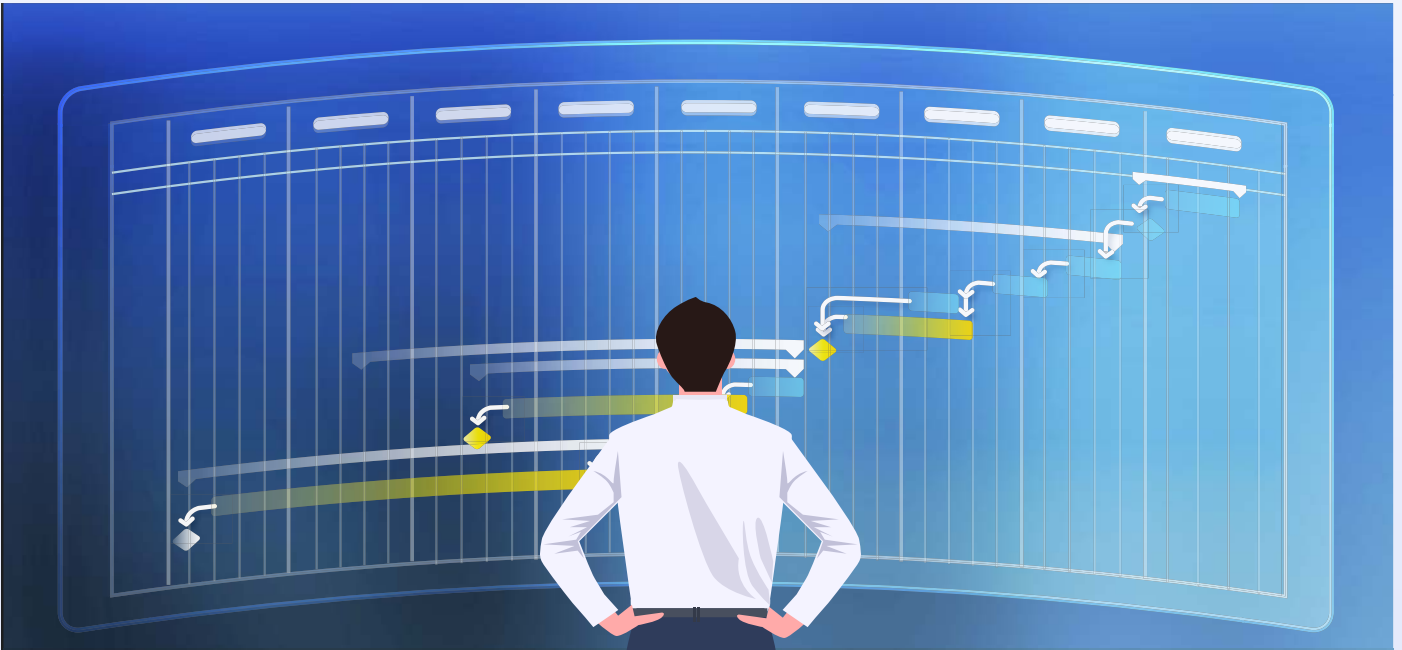
A requirements coverage matrix is to demonstrate the relationship between requirements and test cases (and results). It's used to prove that requirements have been tested and fulfilled.

8 provides tools for project teams to track requirements test coverage.



# Proper Planning

(with execution in mind)



## Milestone Planning

8 provides project teams tools to conduct milestone planning to organize activities, outcomes, progress, external dates, and end-user collaboration to achieve project goals. In other words, 8 allows project teams to use each milestone as a checkpoint along the timeline of their projects.



## Activity, Deliverable & Time Planning

8 provides project teams tools to conduct project activity and time planning. This allows project teams to do planning, scheduling, and overseeing the activities and deliverables needed to complete their projects. The goal is to allocate the right amount of time to each activity or deliverable and meet deadlines so that the project can be completed on time.



## Quality Planning

8 provides project teams tools to plan a process that will be able to meet their project goals under operating conditions.

8 supports common quality control methods such as 4-eyes principle, process control and end-user acceptance.

## Skill & Resource Planning

8 provide project teams the process and tools to determine how to allocate resources in their projects, such as assigning activities to individuals based on their skills and availability.

It helps balance demand and capacity across projects, allowing project teams to keep tight timelines and manage stakeholder expectations.

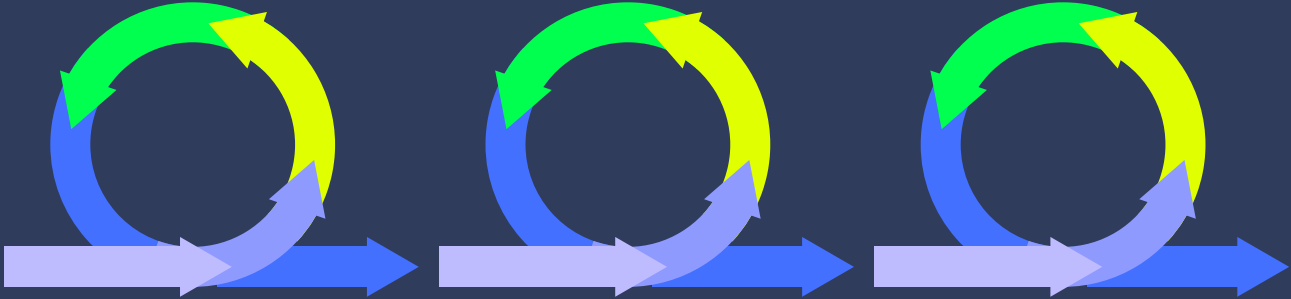


## Communication Planning

8 provides project teams tools to plan what, when, and how information such as regular reporting on status, activity-related questions, issues or risks, and meeting details will be shared at key intervals among relevant stakeholders.

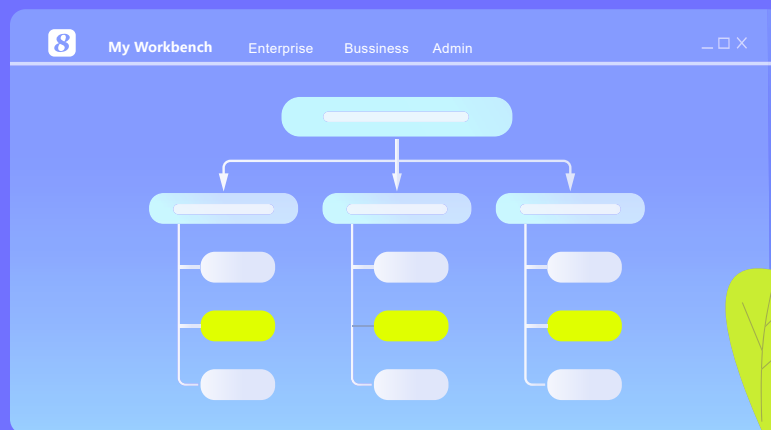
# Discipline Team Members

(with best practices)



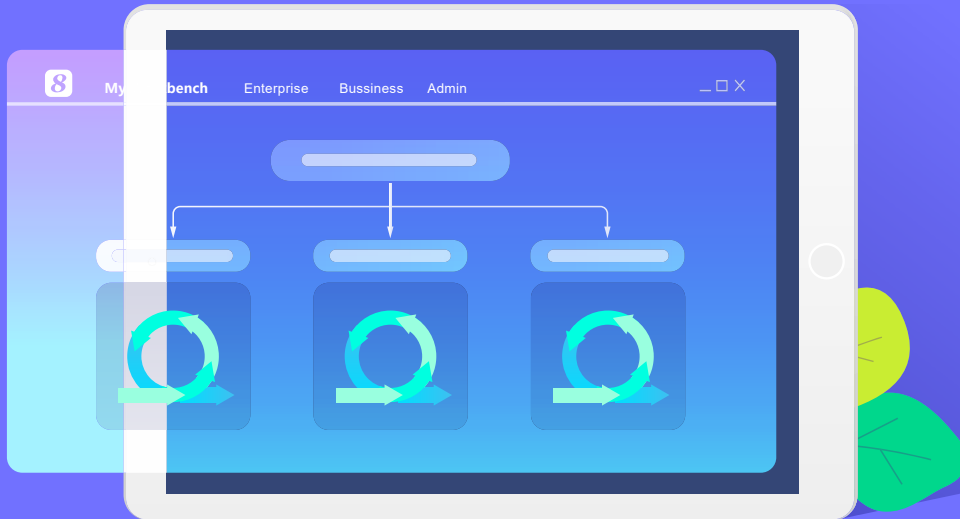
## Agile

If your projects don't have clear constraints, timelines, or available resources, for example, designing and launching new products might push project teams against several unforeseen competitions and challenges, **8** can help discipline your teams based on the Agile disciplines.



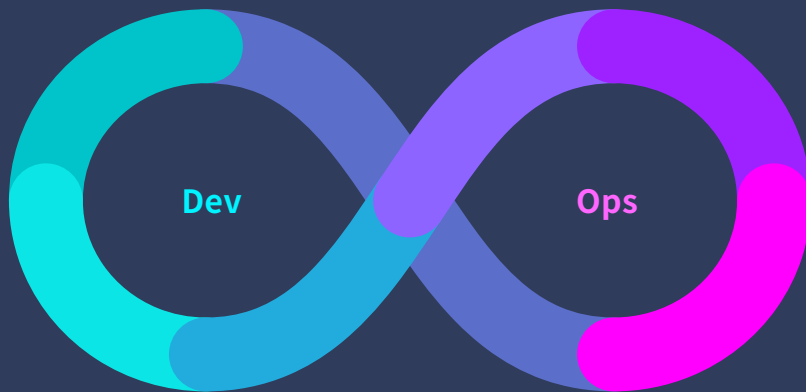
## WBS

If your project requirements are known and their ambiguity level is low, **8** can help discipline your teams based on the Waterfall disciplines to produce predictable project results.



## Agile WBS

If parts of your project requirements are well-defined and basic and parts are ambiguous and market-driven, 8 can help organize your projects and discipline your teams using the most relevant methodologies for the nature of the work.



## DevOps

If your projects need to improve products at a faster pace and make frequent releases, 8 can help discipline your teams based on DevOps.





# Controlled Execution

(with real-time monitoring and measure)

## Progress

8 allows project teams to select the best measuring method such as milestone progress, percentage of complete and earned value for their projects.



PERCENT COMPLETE



FOUR-EYES PRINCIPLE

## Quality

In a software/IT project, design defects can have far higher impact than a coding error, therefore, measure deliverable quality is very important.

8 allows project teams to use maker/checker method to determine deliverable quality and detect requirements interpretation errors and design defects at the earliest possible time to avoid having erroneous code based on erroneous requirements interpretation or defected design.

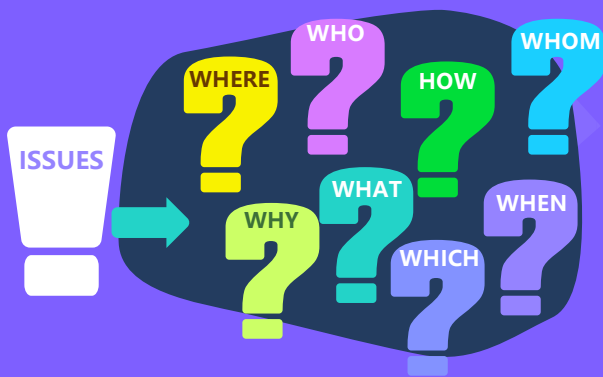
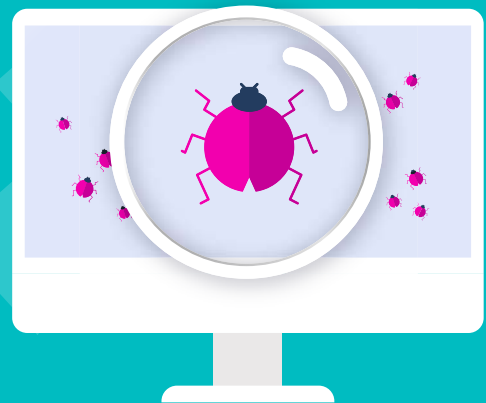


## Productivity

- 8 allows to track your project productivity by:
- Comparing project budget against actual cost
  - Determining whether milestones are met or not
  - Evaluating project resources are adequately utilized
  - Assessing stakeholder satisfaction

## Bug Report

By reporting bugs, developers can find and understand the issues quickly. 8 bug reports serve as a crucial tool for identifying, tracking, and resolving software bugs, ensuring the quality and reliability of the software.

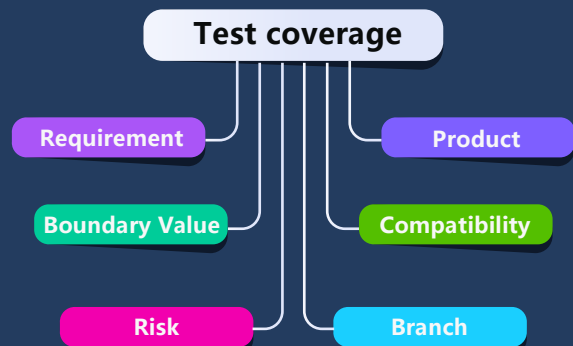


## Issue Resolution

Non-product issues such as power outages can also adversely impact software/IT projects. 8 allows your teams to track non-product issues so that they can be resolved in an organized fashion.

## Test Coverage

8 allows your team to measure requirements test coverage to ensure that there are test cases to be executed to test each requirement.



# Deployment



## Configuration Mgt.

**8** provides your teams the tools to identify and organize configuration items.

## Release Engineering

**8** allows your team to set up activities for automating the build and testing and deploying the release.



## Installation & Setup

**8** allows your teams to set up activities for installation and configuration of the software/IT system.



## Operational Test

**8** allows your teams to set up activities for operational testing to evaluate whether the software/IT system prior to production is operational in the target operating environment.



# Production & Support

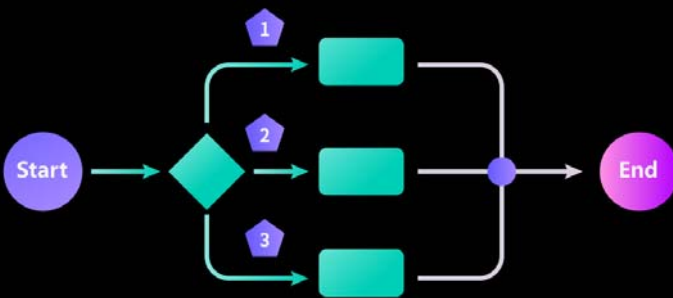


## Incident Mgt.

8 provides the workflows to analyze, identify and record incidents and take corrective actions to resolve the problem.

## Problem Mgt.

8 provides the workflows to minimize the possibilities and effect of incidents by detecting real and possible causes of problems and managing fixes and known faults.



## Change Mgt.

8 provides the workflow for tracking and managing a change in a software/IT system throughout its entire life cycle, from start to closure, with the aim to minimize risk.

## Product Configuration

8 provides the workflows to systematically organize, track, and control the components of software/IT products to enable quick and accurate configuration of end products, ensure consistency and maintainability of products and their components throughout all changes and lifecycles.



## SLA Compliance

8 provides the indicators to show whether or not your projects meet their SLA obligations.

# PM Feature List

Feature	Description
<b>Project Request</b>	
Create Project Request	Record project name, project type, requested budget and other info in project requests.
Risk Assessment	Support risk assessment for project requests.
Approval	Support to submit project requests for approval.
Linked to a Project	Support to link an approved project request with a project.
<b>Project Initialization</b>	
Create Project	Allow to create project by different methods, such as creating from the template, importing from mpp file, creating from scratch or copying an existing project.
Define Project Team	Allow to define project planners, project sponsors, project supervisors, managers, project assistants and approvers and grant appropriate privileges.
Define Project Chapter	Allow to define info such as objectives, stakeholders, assumptions, approaches, high-level scope, high-level schedule and budget ballpark in project charter.
Project Scope Document Mgmt	Support the uploading and easy access of scope-related documents.
Project Library	Support user-define library template for creating a new project library.
	Support auto creation of project library automatically when a new project is created.
	Support linkages of project deliverables to documents in project library so that documents created from a project can be accessed independently from project library.
	Support knowledge mgmt in project library.
<b>Project Planning</b>	
<b>Detailed Project WBS</b>	
WBS Operation	The form of 8thManage WBS is similar to Excel format, in which users can re-arrange the activity sequence, outdent or indent an activity by mouse or shortcuts. The system also supports the import and export of MS project files.
Assign Activity Reps.	Able to assign the responsible person of the activities individually or by bulk replace;
	Allow multiple persons to be responsible for the same activity.
Set Up Deliverables	Allow to define deliverables details of activities/projects, including responsible person, scheduled FD, review and acceptance flow, quality standard etc.
Planning Methods	Support "top-down" and "bottom-up" planning methods; by combination of the two methods, it can better ensure the time restriction as well as the flexibility.
Sub-projects	A project can be inserted as an activity to another project's WBS.
Critical Path	Critical path activities are visually displayed on WBS and 8thManage supports showing real-time critical path on web page and exporting PDF document.

Gantt Chart	Able to show the Gantt Chart in real-time and allow exporting it into PDF.
Baseline	Support the establishment of baselines for projects and individual activities.
<b>Resource Plan</b>	
Resource Type	Allow self-defining the resource type such as internal human resources, external human resources, and non-human resources for the projects; allow self-defining the resources properties.
Resource Working Calendar	Allow defining different working calendars; each project and each resource can have different working calendars.
Key Resource Warning	Conflict or overloading of key resources will be alerted.
External Human Resources	Able to manage the external human resources that participate in the projects.
Resource Skills	Able to self-define needed fields to record all the skills of the resources.
Resource Plotter	The system will list the matched resources that meet the requirements based on resource plotter.
Resource Workload Warning	The workload of a resource can be tracked during resource planning process and any overload can be detected and alerted by the system automatically.
Resource Allocation	Support resource tracking and adjustment request on resource allocation according to the resource's usage.
<b>Deliverable Plan &amp; Quality Definition</b>	
Deliverable Review & Acceptance	Allow to define different review and acceptance flow for deliverables.
Minimum Quality Requirement of Deliverables	Support setting the minimum level of quality control for deliverables on Enterprise/Project level.
Minimum Quality Requirement of Milestones	Support setting the minimum level of quality control for milestones on Enterprise/Project level.
Deliverable Completion Methods	Allow to set up metrics to evaluate the quality of the deliverables;
	Support to set up the calculate methods of the completion rate according to the target value and the actual value of the metrics, or according to the review and acceptance status.
<b>Project Budget Plan</b>	
Approved Budget + Additional Forecast & Actual+Accrual	"Approved Budget + Additional Forecast" reflects the approved amount and the estimated amount acknowledged by the executives; "Actual+Accrual" reflects the actual amount and the amount estimated by the project team members. Their differences can provide overrun warnings.
Cost Control Rules	Allow to control the project cost in different cost classification levels and set up conditions when projects or cost should be (re)approved.
Cost Classifications	Allow to self-define different cost classifications by enterprise level or by each project.
Reserve Fund	Support managing the reserve fund of the project.
Asset Depreciation	Support managing the asset depreciation of the project.
<b>Project Approval</b>	
Multi-level Approval	Support multi-level approval function (e.g. allow project manager to approve top-level activities, project approvers to approve whole project plans).

Self-defined Approval Flow	Project approval flow can be pre-defined in the system or confirmed by the project manager when the project is submitted for approval.
Re-approval Restriction	Allow to define there-approval control parameters; when some critical goal was changed, such as the cost, scheduled FD etc., the system will require the project to be re-approved automatically.
<b>Project Execution</b>	
<b>Deliverable Mgmt</b>	
Internal Review	Deliverable's responsible person submits the deliverable for internal review; Reviewer reviews the deliverable.
Acceptance	The accepter can accept or reject the deliverables after receiving the deliverables.
Commitment Mgmt.	Allow the commitment management of the deliverables; the commitment process includes commitment-implementation/re-negotiation/commitment breaking.
Deliverable Structure	Allow to define deliverable structure through defining the components of deliverables.
Deliverable Completion Feedback	Allow setting up target value of the metrics to evaluate the deliverables.
	The responsible can update the actual value, and the system will calculate the completion rate according to the target value and the actual value of the metrics, or according to the review and acceptance status.
<b>Resource Utilization</b>	
Timesheet	Team members can use the timesheet to record their actual working hours in each project.
Resource Request & Approval	Support the resource request and approval process.
Resource Usage Record	Able to generate the usage records automatically according to the actual timesheet records, able to calculate the project resource costs automatically.
Resource Tracking	Resource tacking feature supports dynamically tracing the resource usage in a project and detecting any overload and resource conflict.
Commitment Mgmt.	Allow the commitment management of the resource allocations; the commitment process includes commitment-implementation/re-negotiation/commitment breaking.
<b>Cost Mgmt</b>	
Expense	The system supports the expense flow management from request to payment delivery.
Cost Classifications	The project can inherit the cost classifications of enterprise, or adjust the inherited classifications to maintain its own one.
Budget & Actual Cost	Able to track the derivations between the planned budget and the real cost; able to provide warnings according to the pre-set cost warning rules.
<b>Communication Mgmt</b>	
Requests & Responses (Approval, Review, Acceptance)	When the user raises a request, the user being requested (such as the approver) will be able to receive and respond to it to achieve the purpose of interactions.
Notifications	When the plans are modified, or deliverables are reverted etc., the system will send out notifications automatically (the rules can be self-defined by the user).
	The system will also send out notifications to the responsible persons before the due day.
Escalations	Support to escalate to the leaders automatically if the pending requests are not being handled in due time.

Chat & Forum	Provide online chats and forums for instant communications.
Instant Comments & Emails	Allow team members to add comments for the projects, activities, deliverables, issues etc. online or via email at the same time.
	All the communications including the emails will be captured into the system by time sequences.
	Relevant team members will be able to keep track of the historical communication records when needed.
<b>Change Request Mgmt</b>	
Change Request	Allow users to record and handle the change request in the system.
Severity & Urgency Queue	Allow to define the severity of the change requests, provide urgency queue function to manage the change requests and to control the access rights.
Audit Trail	Provide audit trail to record all the changes of the change requests.
Self-define Function	Allow privileged user to self-define the basic information page and management flow of the CR.
<b>Purchasing Mgmt</b>	
Purchase Order	Support the entire procurement process, including raising the PO for approval, record the invoices received from the suppliers, payment requests and approval etc.
Received Invoice	
Payment Request	
<b>Requirement Mgmt</b>	
Requirement	Allow users to record and handle requirements in the system, which includes project requirements and product requirements.
Severity & Urgency Queue	Allow to define the severity of the change requests, provide urgency queue function to manage the change requests and to control the access rights.
Audit Trail	Provide audit trail to record all the changes of the change requests.
<b>Test Case</b>	
Test Case	Allow users to record and handle test cases and upload related test files.
<b>Team Building</b>	
Project Work Performance Report	Provide various real-time project analysis reports as a reference during the executions, such as workload summary, quality summary, milestone completion status summary etc.
Reality Checks	Provide reality check functions to collect the comments from the project stakeholders and allow to answer the questions anonymously.
<b>Project Monitoring</b>	
<b>Cost Monitoring</b>	
Earned Value	Use the EVM management method recommended by the PMBOK to monitor the project cost.
Top-down & Bottom-up Budget Deviations	The system will monitor the deviations between the top-down and bottom-up budgets and by real-time.
Cost Overrun	The system will monitor the cost overrunning the approved budget in real-time automatically.



Budget Re-approval	With pre-set rules, when budget being modified, it will trigger the restriction to re-approve the project.
<b>Progress Monitoring</b>	
Dashboard & Warning	Provide project summary dashboard and the alert functions.
Earned Value	Use the EVM management method recommended by the PMBOK to monitor the project schedule.
<b>Quality Monitoring</b>	
Quality Monitoring	The system will keep track of the project quality dynamically by examining the following: uncommitted deliverables, overdue deliverables, deliverables without review and acceptance, rejected deliverables, deliverables with a high rejection rate, the most overdue deliverable etc.
<b>Resource Monitoring</b>	
Resource Overall Monitoring	The system will automatically monitor the overall resource conditions, including overdue resources, unreasonable allocations, overloaded resources, to-be-hired resources, un-committed resources etc.
Resource Effort Analysis Histogram	The system provides resource effort analysis histogram to analyze the total FTE, resource days or resource hours of the planned, requested, approved or actual resources usage.
Resource Effort Analysis Table	The system provide the analysis report to view and compare the FTE, resource days, resource hours of the total resource usage, the resource constraint and the variances.
Different Resource Reports	The system provides different resource reports to help monitoring the resource in different dimensions, e.g. the resource planning report, resource time & cost report, resource allocation & utilization report etc.
<b>Risks &amp; Issue Monitoring</b>	
Risk Detection	Auto detection of the resource risk, schedule risk, cost risk, management risk etc. and demonstrates the risks in the project dashboard.
Risk Mgmt.	Besides from the auto detection of the risk, the system also allows the user to record and monitor the risks found.
	The system supports to plan actions to deal with, reduce or avoid the risk, and supports the whole follow-up process until the risk is relieved or closed.
Issue Handling	Support to keep track of the whole process of dealing with the issues found; including the issue registration, the impact analysis, the actions, actions follow-ups, issues solved and closed.
<b>Library &amp; Knowledge Classifications Mgmt</b>	
<b>Document Library Mgmt</b>	
Library Template	Support the creation of document library templates and the creation of document libraries based on a particular template.
Auto-creation of Project Library	Support creating a new document library automatically when a new project is created. It also supports creating a project document library from template.
Document Version	Provide document version management, able to keep track of all the historical versions.
Access Rights Control	Allow different stakeholders and users to have different access rights; able to grant the rights by library, by specific folders or specific documents.
	Provide check-in and check-out controls to avoid concurrent write into the same version of the document.
	All the view, modification, download, check-out actions etc. will be recorded in the access logs.
Document Searching	Allow to search and view the documents by names, knowledge classifications, key words or full-text;
	Allow to search and track documents of different formats including word, excel, ppt, pdf., etc.

Document Flow	Support user-defined document forms and allows the current user to fill in and submit documents of different types for approval.
<b>Knowledge Classification Mgmt</b>	
Knowledge Classification	Allow the user to self-define knowledge classifications.
Document Searching	Allow the linkage of each document to multiple knowledge areas and provides a knowledge-based search facility.
Deliverable Searching	Allow the linkage of each deliverable to multiple knowledge areas and provides a powerful knowledge-based search facility.
<b>Configurations and Integrations Mgmt. (SVN/CVS)</b>	
Configurations and Integrations Mgmt.	Built-in function to integrate with SVN/CVS for instant usage.
<b>Risk &amp; Issue Mgmt</b>	
<b>Risk Management</b>	
Existing Risk Analysis	Support the identification of existing risks and the analysis of the confidence level of them before the project start.
Risk Mgmt.	The system allows project team members identify, assess, prioritize and record risks and the formulate actions for managing them. The system also records the probability and influence before and after the action to ensure the effectiveness of the actions.
Risk Detection and Reminding	Auto detection of project resource risks, schedule risks, cost risks and management risks and provides extrapolative forecasts to warn people on the systemic risks.
<b>Issue Mgmt</b>	
Issue Recording	Allow to record issue for different levels and objects, such as dependency, deliverable, activity, sub-project, and project.
Issue Linkage	Allow an issue to be associated with a risk and its resolution actions associated with change requests.
Change Tracking	The system will track the impact changes of the issue.
Actions Tracking	The system will track the actions to solve the issue.
Issue Map & Warnings	Provide an real-time issue map for the monitoring and visibility purposes and a automatic alert function for the actions associated with issues.
<b>Re-forecast &amp; Investment Attention</b>	
<b>Re-forecasting Mgmt.</b>	
Schedule Re-forecasting	8thManage supports schedule re-forecasting based on Schedule Performance Index (SPI), present date and mandatory dependencies.
Resources(Efforts) Re-forecasting	Allow to re-forecast the resources(efforts) according to the re-forecasted schedule and the extra resources requests.
Cost Re-forecasting	Allow to re-forecast the cost budget according to the actual cost (AC) and the bottom-up budget cost.
<b>Investment Attention</b>	
Bubble	Present multi-dimensional view of projects in the form of bubbles, supporting analysis of projects, project requests pending approval, project requests and projects. Users can set the indicators represented by the horizontal axis, vertical axis, bubble size and bubble color. The main indicators include project type, priority, expected return on investment and risk (percentage of confidence in overcoming risk).

Rank	Support to view performance scoring for each project, including system scores calculated by the system based on the set project traffic light scores, as well as scores manually filled in by management.
<b>Bill of Material</b>	
Bill of Material	Allow to record bills of material. Materials can be products defined or not defined in the Product List, can be selected from Major Material Category, or imported through Excel.
Material Cost & Quote	Support to record cost and quote of each material, and automatically calculate the total cost and the total quote.
Approval & Change Mgmt	Support the approval of the bill of materials, and the changed bill shall be re-approved.
Version	The approved bill of materials will automatically generate a version, and the two versions can be compared in terms of the material composition and costs.
Inventory Request	Allow to generate an inventory request from a bill of material.
Inventory Return	Allow to return materials to inventory.
Purchase Order	Allow to generate a purchase order from a bill of material.
<b>Project Close</b>	
Project Close	Support to complete and close the project in the system.
Deliverable Documents Mgmt.	Allow to move all the attachments of the deliverables into specific project folders in the project library.
Resources Release	Allow to release all the requested resources after closing the project.
Project Documents Mgmt.	Allow to move all the project documents into the project library for better managing and archiving.
<b>Scrum Project</b>	
Requirement & Story Point	Allow to handle ideas and requirements on the story book page, which includes recording responsible person and number of story points.
Sprint & Activity	Allow to record sprints and related activities and to add cover pictures for each activity.
Meeting	Allow to record meetings including planning, daily and retrospective meetings.
Progress Monitoring	Allow to check and update sprint progress by dragging activities from one status column to another.
Burn Down Chart	Allow to check three types of burn down charts.
Acceptance	Allow to check acceptance of activities, requirements and sprints.



# Service Feature List

Feature	Description
<b>Service Mgmt</b>	
Service Ticket (Incident) Mgmt	Support to record basic info such as subject, ID, requestor, urgency, impact and priority.
	Allow clients to submit calls such as questions, inquiries, complaints and incidents to the service desk and allow the service desk to reply and follow up the calls.
	Allow to record service levels, action and acceptance.
	Allow the service desk to communicate to the client in real-time.
	Allow clients to escalate calls to the service manager.
	Allow to check the service ticket related report, such as Service Ticket Count Summary.
Catalog Mgmt	Allow to record service catalogs that include service name, description, service category, service level and so on.
	Support to check service catalogs through the table view or the kanban view.
CI Mgmt	Allow to add configuration items for products/services, and record service provider, service termination date and other information.
	Support adding sub-configuration items to a configuration item.
<b>Change Request Mgmt</b>	
Change Request	Support registration and processing of change requests for product defects and enhancements.
Severity & Urgency Queue	Allow to define the severity of the change requests, provide urgency queue function to manage the change requests and to control the access rights.
Approval	Allow to customize the change request approval flow of the group.
Audit Trail	Provide audit trail to record all the changes of the change requests.
<b>Asset Mgmt</b>	
Registration	Support to record fixed asset info including name and usage status.
Maintenance, Donation & Scrap	Allow to submit and approve maintenance, donation and scrapping sheets.
Check	Allow to add fixed asset check forms based on internal groups and record checking person, checking date, results, etc.
	Allow to submit the fixed asset check forms for approval.
<b>Product and Inventory Mgmt</b>	
Product Info Mgmt	Able to store and maintain product info such as product family, product name, product supplier, product price, etc. in Item Master.
Inventory Mgmt	Support to adjust product inventory and record inventory request, transfer, return and stock receipt in the system.
	Support to record stocktake and check the number of normal products, abnormal products, inventory profit products and inventory loss products.

Organization Chart and Form & Flow	
Org Chart	Allow to define and update multi-level org chart with detailed info for each organization.
	Allow to drill down to department, sub-department and employee info details.
Form & Flow	Support user-defined form types and approval flow.
	Support to submit the completed forms for approval.

## CMMI Process Area Feature List

Area	Description
<b>CMMI Level 2</b>	
Configuration Mgt.	Allow to identify configuration items
	Support creation of configuration baselines
	Allow to track change requests
	support to control configuration items
	Allow to establish configuration records
	Support configuration management auditing
Measurement & Analysis	Support establishment of contract/project/people KPI
	Allow to obtain the measurement results of the KPI established
	Allow to set up automatic alert rules for alerting stakeholders on KPI results
	Support real-time drill-down of KPI results for analysis purpose
	Allow to export and store KPI measurement results
	Allow to share KPI information via real-time dashboards
Project Monitoring & Control	Allow to monitor activities and resource allocation
	Allow to monitor milestones
	Allow to monitor deliverables and their quality (maker/checker)
	Allow to monitor risks
	Support real-time comparison of the current WBS with any previous baselined WBS
	Allow to monitor stakeholder involvement
	Support critical path analysis
	Support real-time automatic update of milestone information and dashboards
	Support analysis of issues
	Allow to assign actions to resolve issues
Allow to manage corrective actions of issues	

Project Planning	Support definition of project lifecycle phases
	Support estimation of efforts and costs
	Support establishment of budgets and schedules
	Support development of project plans
	Allow to identify project risks
	Allow to plan the management of project baselines, change requests and status reports
	Allow to plan project's resources
	Allow to plan needed knowledge and skills
	Allow to plan stakeholder involvement
	Allow to review dependencies that affect the project
	Allow to reconcile resource conflicts
	Allow to obtain commitment to the project plan
Product & Process Quality Assurance	Allow establishment of maker/checker control for external and internal deliverables
	Support the development of test cases
	Allow establishment of test coverage matrix
	Support stakeholder involvement and formal signoff
	Allow to objectively evaluate processes and products
	Allow to communicate and resolve noncompliance issues
	Support establishment of evaluation and resolution records
Requirements Mgt.	Allow to capture, organize and document requirements in methodological manner
	Allow to ensure requirements are testable by associating test cases with each of them
	Support establishment of the project plan based on the requirements
	Allow to obtain commitment of the project plan that is based on the requirements
	Support change management of requirements
	Allow to maintain bidirectional traceability of requirements and test cases
	Support maker/checker mechanism to help ensure alignment between project work and requirements

Supplier Agreement Mgt.	Support establishment of sourcing and purchasing rules
	Support different types of acquisition
	Allow to source and select suppliers in a methodological manner
	Allow to establish the milestones, quality requirements, service level agreements and payment terms in the supplier agreement
	Support the internal approval and electronic signing of the supplier agreement
	Allow to execute the supplier agreement and monitor results
	Allow to monitor the terms and conditions specified in the supplier agreement
	Allow to plan the review and acceptance of the acquired product
	Allow to accept/reject the acquired product
	Support product transition
	Support supplier agreement penalty, payment and settlement
	Support supplier agreement amendment, renewal and termination
<b>CMMI Level 3</b>	
Decision Analysis & Resolution	Provide business map to show cause-and-effect relationships of business activities and results
	Allow to drill down for deeper understanding
	Support identification of alternative solutions
	Provide project forecast information to assist selection of solutions
Integrated Project Mgt.	Allow to create project mgt. policies and workflows
	Allow to establish project environment and use policies and workflows to create the integrated project plan
	Based on the integrated project plan to: (a) Establish teams (b) Manage activities (b) Manage stakeholder involvement (c ) Manage dependencies (d) Resolve coordination issues
Organization Process Definition	Allow to specify lifecycle models for client, supplier, order/contract, project, change request and service request
	Support establishment of workflows and measurement for client, supplier, order/contract, project, change request and service request
	Allow to tailor policies, rules and workflows for client, supplier, order/contract, project, change request and service request
Organization Process Focus	Allow to establish organizational policies and workflows
	Support assessment of organizational policies and workflows
	Allow improvement of organizational policies and workflows
	Allow to establish and implement improvement plans
	Allow to deploy new organizational policies and workflows
	Support monitoring the deployment of new organizational policies and workflows
	Contribute to organization process assets



Organization Training	Allow to record employee/contractor skill information by area and level
	Allow employees/contractors to request training
	Support training request approval
	Support recording of training results
Requirements Development	Support elicitation of stakeholder needs
	Support identification of quality attributes
	Support transformation of stakeholder needs and quality attributes into product requirements
	Support establishment of test scenarios for product requirements
	Support validation of product requirements
Risk Management	Support definition of risk sources, categories and parameters
	Allow to define risk management matrix (based on PMBOK)
	Allow to identify risks
	Allow to evaluate, categorize, and prioritize risks
	Assign risk mitigation actions
	Allow to track risk mitigation progress according to the risk management matrix
Technical Solution	Support structural definition of products and product components
	Support establishment of project activities for the design of products, product components and their interfaces
	Support establishment of project activities for the implementation of the design of products, product components and their interfaces
	Support establishment of project activities for the development of product support documents
Validation	Allow to establish and track project activities for test case development
	Support requirements based test case development
	Allow to establish and track project activities for validation and testing
	Support requirements based test coverage analysis
Verification	Support planning of peer reviews for deliverables
	Support tracking of peer reviews and results
	Allow to analyze the coverage of reviews for external and internal deliverable
	Based on pass/fail results of peer reviews of deliverables to automatically update project's percentage of complete

**8** can provide best combination of standard products & redevelopment services for enterprise management and over 500 corporations in Asia are using our following modules on-premises or SaaS:

**8 SRM** : Supplier Management, e-Procurement and e-Tender

**8 PPM** : Project and Portfolio Management

**8 CRM** : Corporate Client CRM and Consumer CRM

**8 Timesheet** : Resource Time and Cost Management

**8 New Way** : Visual Agile and Lean

**8 Service** : Service Management

**8 EDMS** : Electronic Document Management System

**8 OA** : Office Automation

**8 HCM** : Human Capital Management

**8 All-in-one** : Enterprise Full Automation

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