DigiTech
ASEAN Thailand
27 กรกฎาคม 2566
14.05 - 14.35 น.
สัมมนา
ออนไลน์ ฟรี!
zoom
ซอฟแวร์บริหารงานวิจัยและพัฒนาแบบดิจิทัล
ช่วยเพิ่มประสิทธิภาพธุรกิจได้อย่างไร?
Conducted in Thai
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คุณกิตติศักดิ์ ธีระธัญศิริกุล
ประธานบริษัท Exist Consulting
และพาร์ทเนอร์ของ ONES.com
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ร่วมสัมมนาออนไลน์ ฟรี
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Speaker

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ซอฟแวร์บริหารงานวิจัยและพัฒนาแบบดิจิทัล
ช่วยเพิ่มประสิทธิภาพธุรกิจได้อย่างไร?

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Digital R&D Management:
Enhancing Enterprise Efficiency

Refresh your product journey with ONES.com

Kittisuk Teeratunsirigul

- ONES.com Partner: President of Exist Consulting
- Instructor of Information Technology Faculty, KMITL
- Digital Transformation Expert

PMP

KMITL สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง

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Digital trends& challenges

02

Solution

03

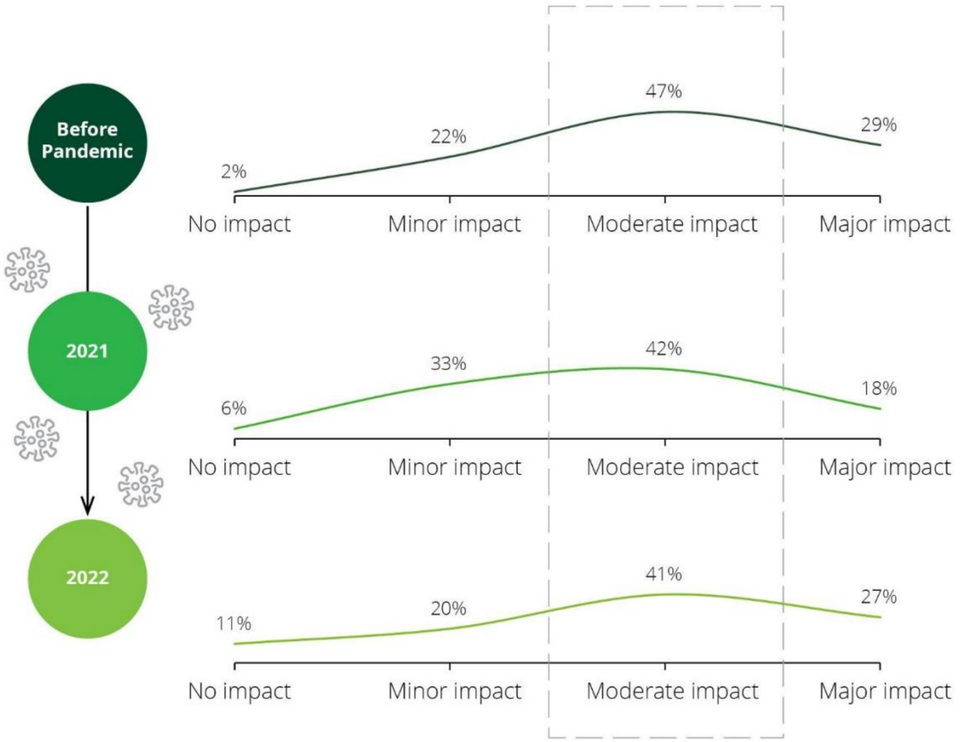
Customer case

04

Conclusion

Digital Transformation

Digital Disruption Impact



Q: Currently, how significant is the impact of digital disruption on your company? (n=45)

- Businesses adopted digital implementation during the COVID-19 pandemic as a survival mechanic in response to the situation.
- In 2022, digital disruption was still perceived to have moderate impacts on businesses, but as a tool to thrive and differentiate themselves from competitors going forwards.
- On the other hand, businesses who were early adopters in integrating digital implementation within their organisations are now accustomed to the digitalization and no longer feel the impact (11%).
- Certain companies also perceive the impact as positive as they can gain more consumer data and deeper understanding.

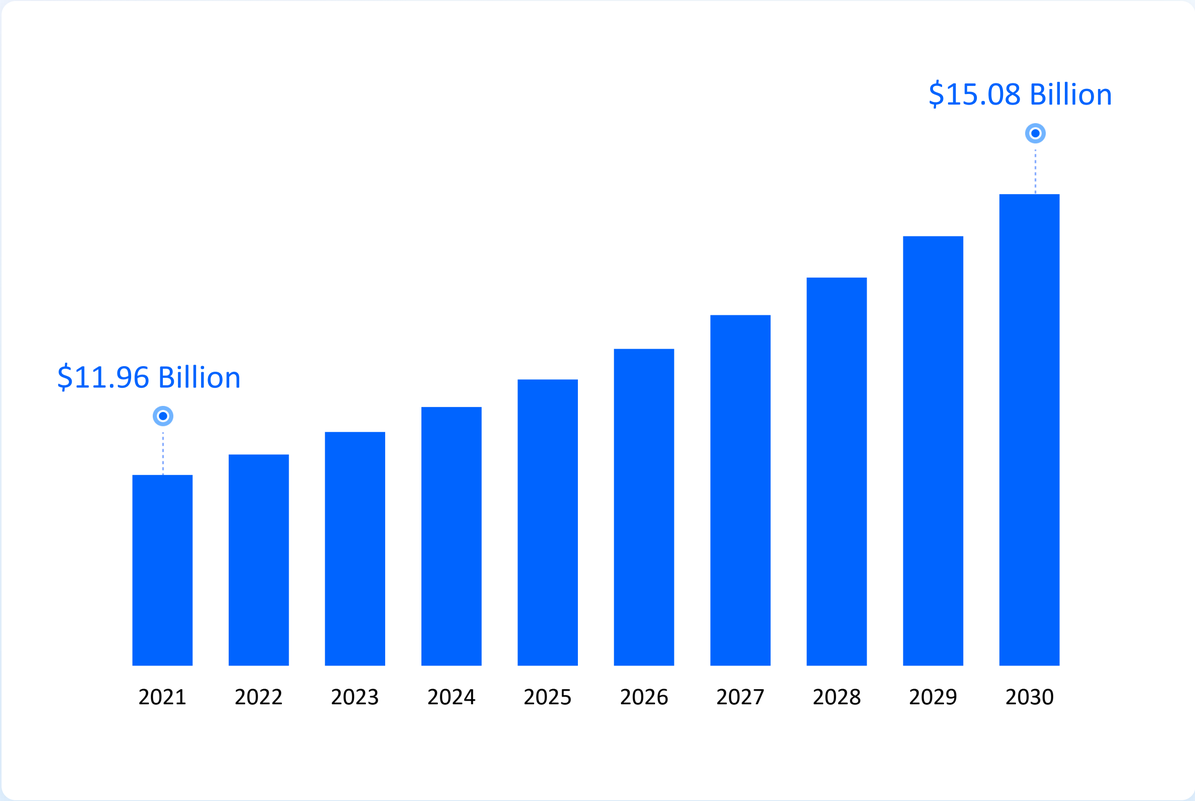
"Digital disruption will be with us for a long time, but people are becoming less apprehensive towards the situation. This is the second year already, so people are used to and are more prepared."

- Deloitte interview with a top executive

Thailand Digital Transformation Survey Report 2022

The unstoppable digital trend

The global project management software industry size is set to increase to about $15.08 Billion by 2030 with a CAGR of nearly 10.68% between 2022 and 2030.



Data Source: Zion Market Research

Key drivers

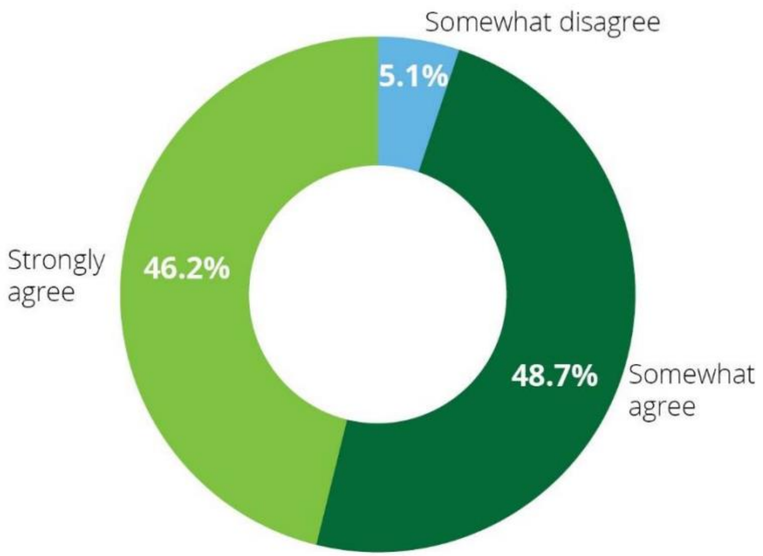
- Connecting business strategy to delivery
- Adoption of Business Agility focused on Customer Outcomes
- Connecting the Enterprise to Support Distributed Teams

End-users Overview

Digital transformation makes project management essential across all industries

> Only **23%** of organizations use a project management software (Wellingtone, 2020).

Perception towards digital transformation being an essential component for competitiveness



Q: Has digital transformation been essential for your company to remain competitive? (N=39)

- 95% of respondents agree that digital transformation can enable the company to be competitive.
- Financial Services and Life Sciences & Health Care lagged behind in digital transformation pre COVID-19 but accelerated their transformation during the COVID-19 period.[1]
- However, some companies in these two sectors somewhat disagreed to the digital transformation for competitiveness sentiment, as they believed that majority of companies in the sectors had little differentiation in the implementation processes.

"I strongly agree that digital tools create competitiveness and minimize the amount of work time."

- Deloitte interview with a top executive

Note: Click for the reference
1 Deloitte: Digital Transformation Survey Report 2021: Impact of COVID-19

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The challenges in digital R&D management

Lack of expertise

Especially for traditional industries, the lack of experience and talent becomes a primary challenge in digital R&D management.

Immature digital culture

Establishing and promoting an agile culture, along with applying scientific R&D management practices, are also challenging tasks.

Organization silo

Large-scale software development has increased, but the issues like fragmented management tools and team silos make it difficult to improve R&D performance

“I strongly agree that digital tools create competitiveness and minimize the amount of work time.”

——Deloitte interview with a top executive

Thailand Digital Transformation Survey Report 2022

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Management + Collaboration

Core scenarios

- Agile & Waterfall
- Project tracking
- Knowledge management
- Role management
- Performance management

General collaboration

ONES Task

ONES Wiki

Marketing team
HR team
and more

Software development project management

ONES Project

ONES TestCase

ONES Wiki

ONES Plan

ONES Account

ONES Pipeline

ONES Performance

R&D team
PMO team

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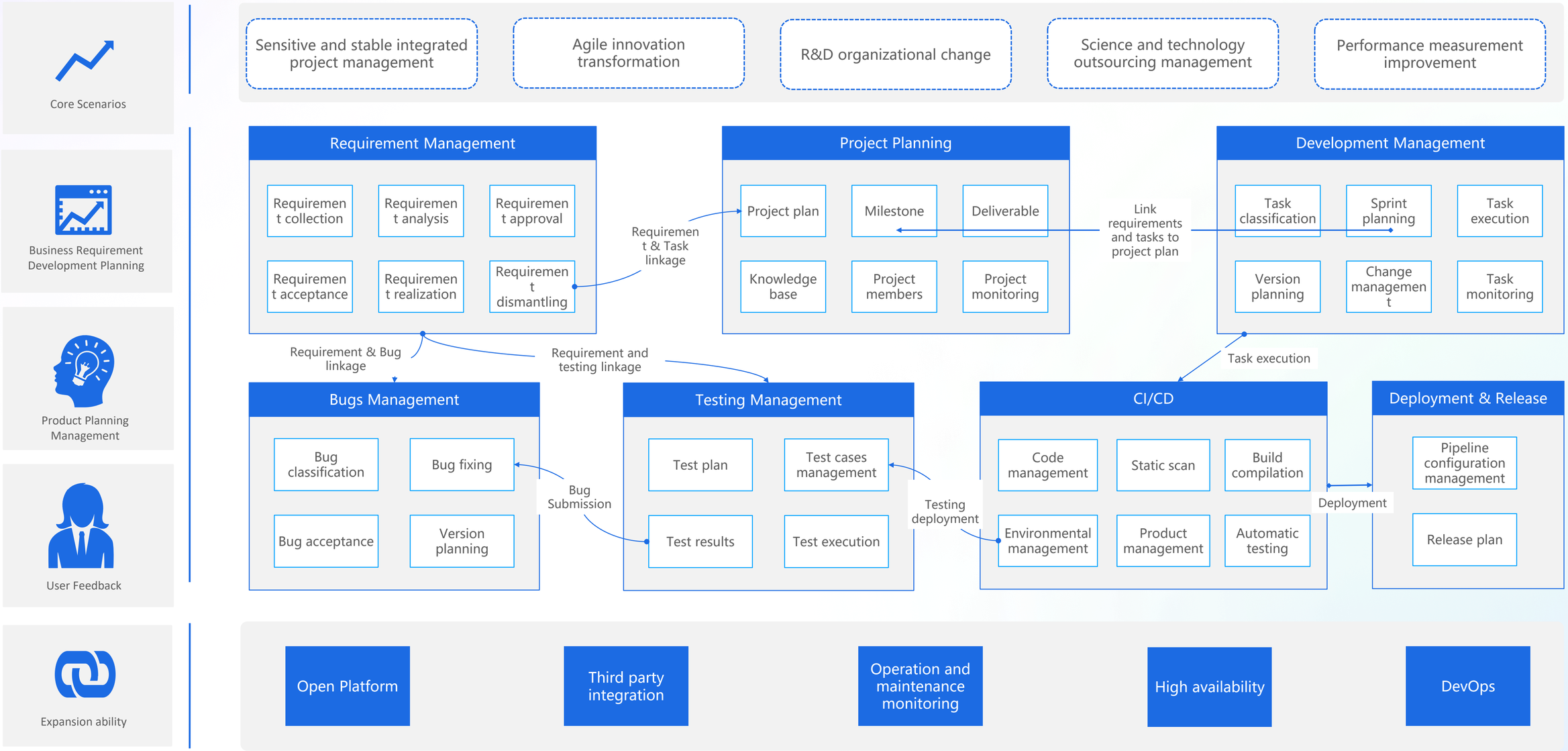
R&D management solution



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Product Intro

Product overview

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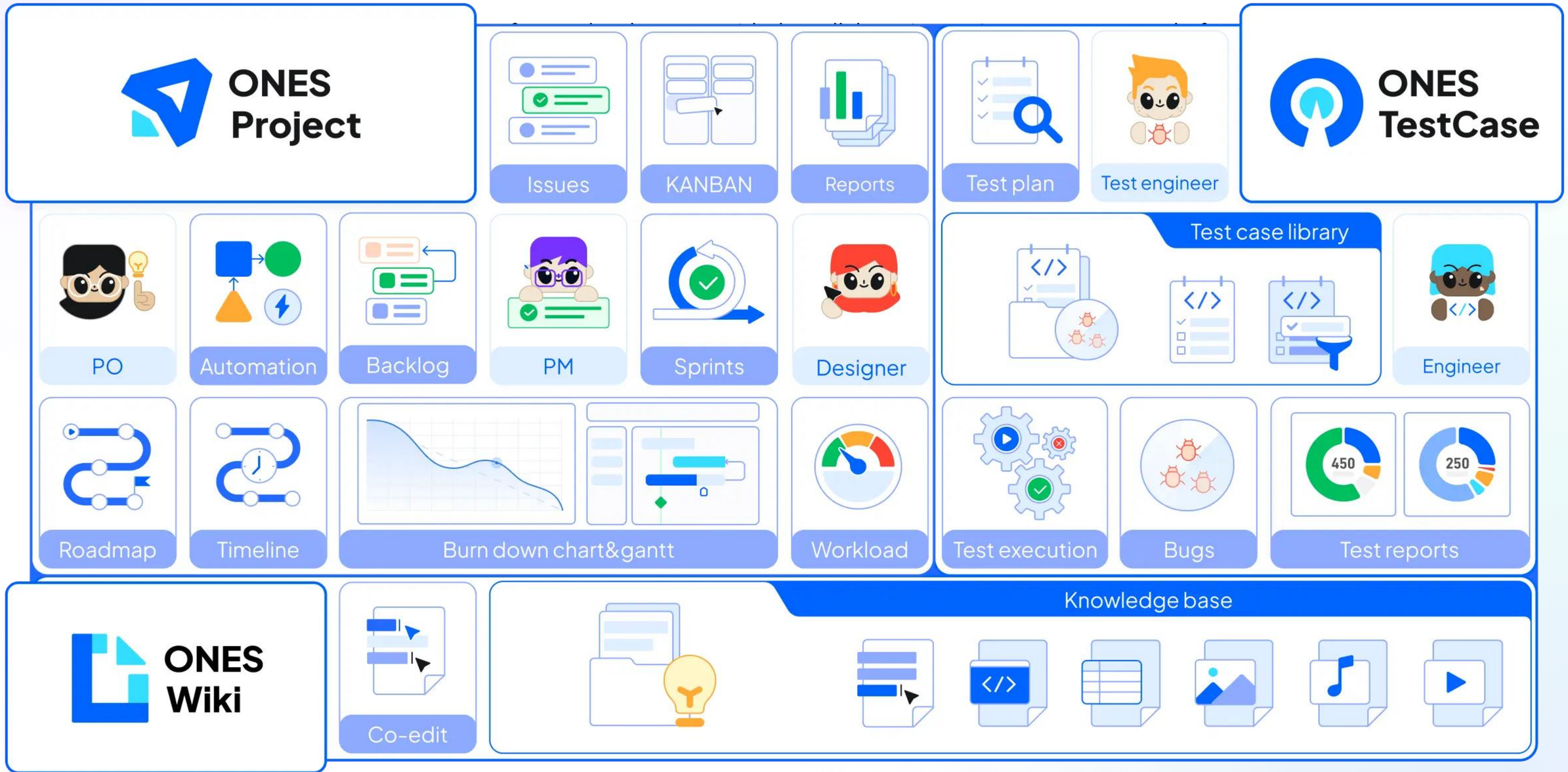
An all-in-one software development management platform



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Security at scale with our robust infrastructure

Provide best-in-class security features and keep your enterprise data protected.

Flexible access control

Advanced permissions

Security audit log

Server available

ONES.com

Safe and Reliable

Internationally certified in data securing to guarantee your privacy.

AICPA SOC2 Type I

Service Organization Control (SOC)2 Type I Report

ISO9001

Global Quality Standard

ISO20000

IT service management standard

ISO27001

Security Management Controls

ISO27018

Personal Data Protection

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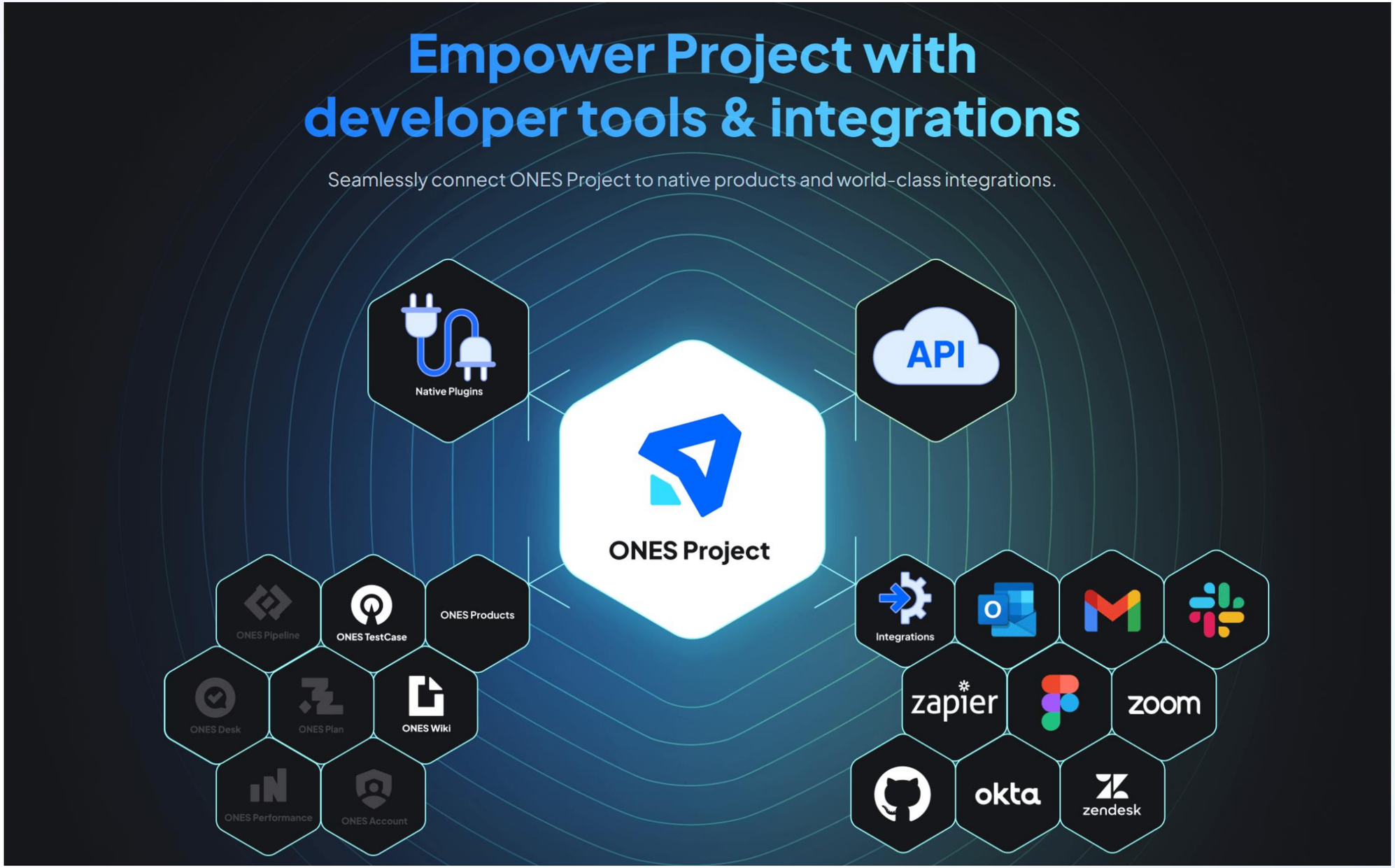
Empower Project with developer tools & integrations
Seamlessly connect ONES Project to native products and world-class integrations.
Native Plugins
API
ONES Project
ONES Pipeline
ONES TestCase
ONES Products
ONES Desk
ONES Plan
ONES Wiki
ONES Performance
ONES Account
Integrations
zapier
zoom
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Trusted by Companies and Teams from Various Industries

TOP AI Company

TOP Mobile Phone

TOP Agriculture and commercial bank Phone

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Customer Background

A Top bank in Thailand, operating in various countries and regions. There are various business and applications in the bank, and they are actively exploring digitalization to enhance operational efficiency, provide better consumer experiences, and **lead the industry in electronic banking services**.

We met the Tech Innovation Department in China branch.

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Challenges and needs

Product Features » Stability Security » Configuration » Usability » Service » Fast Migration » Training Support

End-to-end digital R&D management

We hope to find a multi-business management collaboration tool that encompasses R&D management and various non-R&D scenarios. This tool will facilitate seamless collaboration among teams on the same platform and enable efficient monitoring of project progress and resource management at a high level.

Cost reduction & efficiency improvement

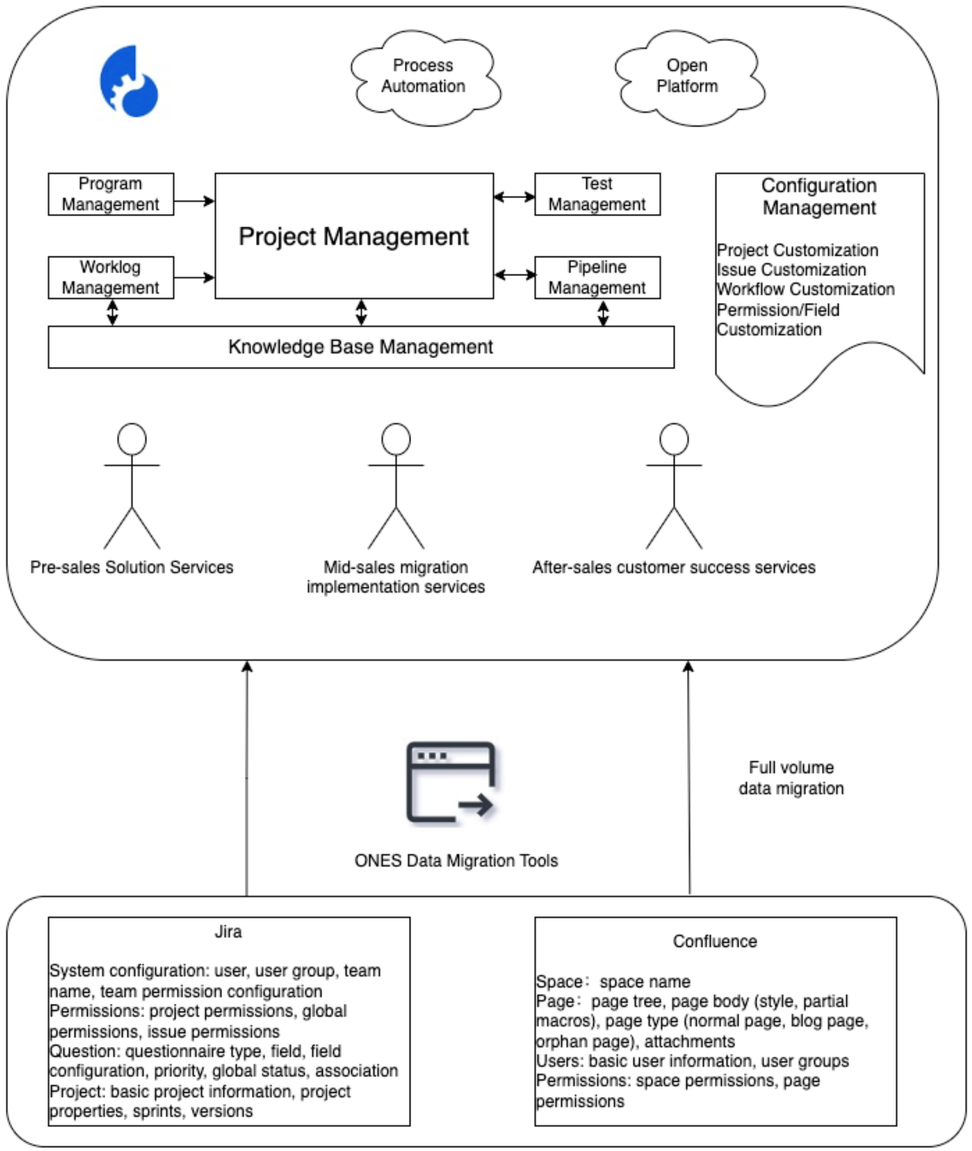
As business expands, enhancing R&D efficiency becomes crucial due to increasing organizational collaboration complexity.

By implementing digital management, we enhance team collaboration efficiency, reduce operational costs, and explore cost-effective alternatives to Jira and Confluence.

Jira & Confluence replacement

Due to banking regulatory requirements, we have strict demands for data security and control.So we have to replace Jira and confluence since they don’t provide the sever version anymore. Data migration is needed.

ONES Solution Overview



1、Product Capability Coverage ：

- ONES implements visual multi-criteria filtering with filter function and supports secondary filtering. It basically implements the functionality of JQL with lower learning cost.
- ONES product matrix includes modules for project management, time management, test management, knowledge base management, pipeline management, performance management, etc., covering the whole process of R&D management
- ONES provides powerful customization capabilities to meet various business scenarios, supporting customization of work items, workflow personalization, automated workflows, notifications and reminders

2、Safety & Performance guaranteed ：

- Offers a project management platform that works seamlessly with Jira and Confluence, no plug-ins needed
- More security: support on- premise, with professional qualifications such as SOC2 and ISO
- More stable performance: highly available clusters, Docker containerized deployments, stress testing of large data volumes

3、 Service Support ：

- ONES has a professional pre-sales consulting service that combines business management requirements and quickly identifies best practices to fit your management model.
- ONES provides professional after-sales operation services, following up the complete life cycle of the customer, responding to problems in a timely manner and guaranteeing the perfect implementation of the system

4、 Self Migration ：

- ONES has a wealth of self-service migration cases and can provide a complete migration process system, migration steps and mature migration tools
- During the system data migration process, ONES also provides experienced technical support staff to assist customers to complete the self-service migration

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Customer Business Scenarios & Processes

Requirements Management

- **ONES Project replaces Jira** for demand management, solving issues of cumbersome operation and untimely information synchronization.
- Business requirements are submitted in ONES Project, allowing analysts to access details, approve reasonableness and synchronize progress.
- Use ONES Wiki to replace Confluence for requirement reviews and keep meeting minutes in the same platform.

R&D Management

Strong demand for **project schedule and milestone deliverables management** in the R&D management process.

- By building a project plan template within the project, it can effectively realize the unified planning of resource information.
- It supports the linkage of deliverables and wiki to effectively enhance team collaboration and document precipitation and create a knowledge-based organization.

Test Management

In the test management, there is a **strong demand for personalized report display for test progress and effect feedback.**

- ONES TestCase used creatively for managing test cases and plans by customizing work item attributes.
- With ONES Performance for multi-dimensional analysis of the data generated in the system, effectively achieve transparent testing progress, quality control.
- ONES time management module **improves resource allocation efficiency for the testing team.**

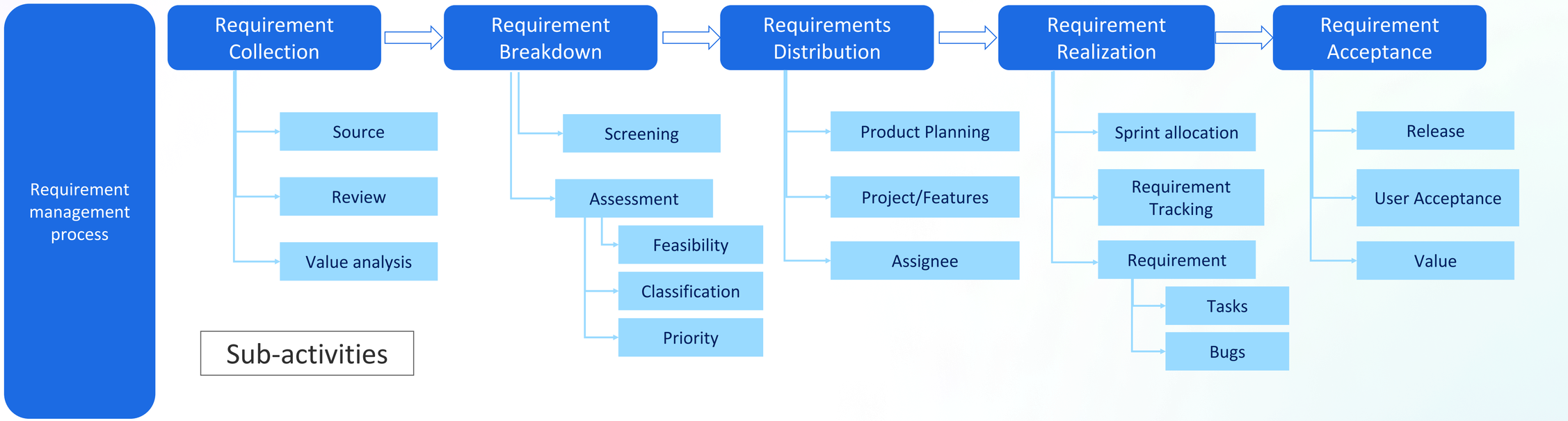
Data Migration

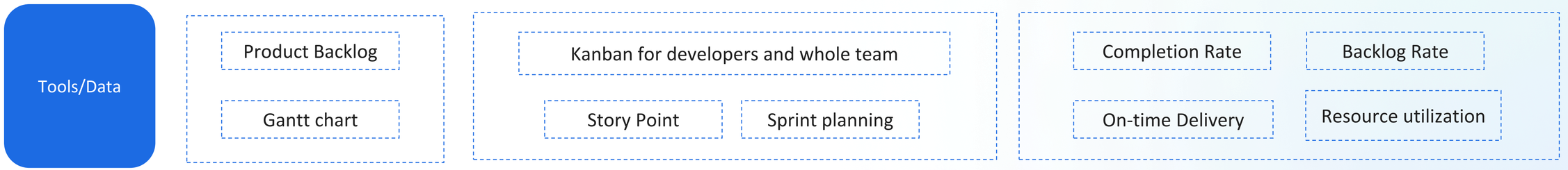
The historical Jira and Confluence base data still needs to be retained, and the data complexity is not high, so we hope to complete the migration by self-service.

- ONES has a **complete self-service migration process system** and also provides mature migration tools;
- **After-sales staff will provide migration plan suggestions** and **assist in data consistency confirmation**.
- The migration solution and estimated results have been verified by the customer.

Requirement management: improve processing efficiency at all stages

In financial industry, there are many requirement-related projects and products, which makes it important to manage the requirement disassembly and assignment.
From requirement collection by establishing backlogs to requirement analysis and breakdown, our solution covers the entire end-to-end requirement management process from collection, analysis, and assignment, to implementation and acceptance.
Throughout the requirement management process our solution provides quantitative analysis tools to assist you in managing requirements and addressing problems in multiple dimensions.

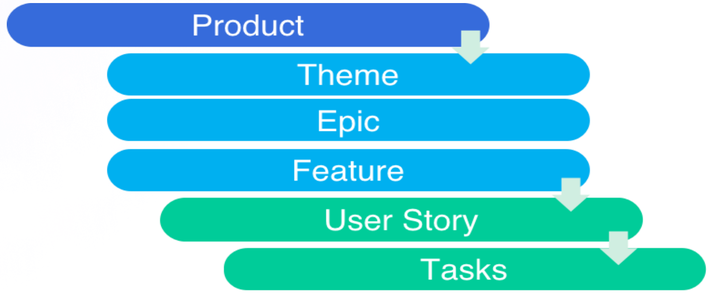




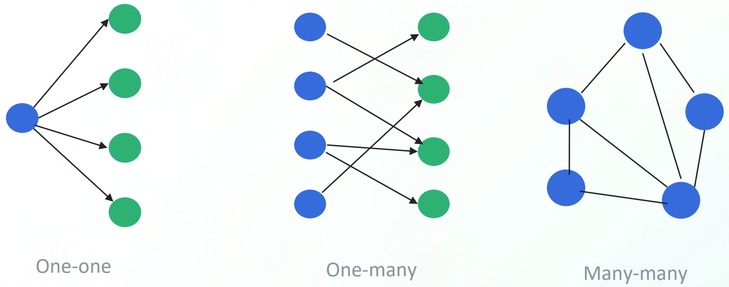
Requirement breakdown and management of requirement hierarchy

When collecting fragmented requirements, ONES helps you establish a clear hierarchy of requirements by parent-child relationships and links, break down requirements appropriately, and set up story points or value attributes to assess the granularity of requirements. You can also take different requirement management models, such as thematic model and user stories, to split requirements and create a requirement pool.

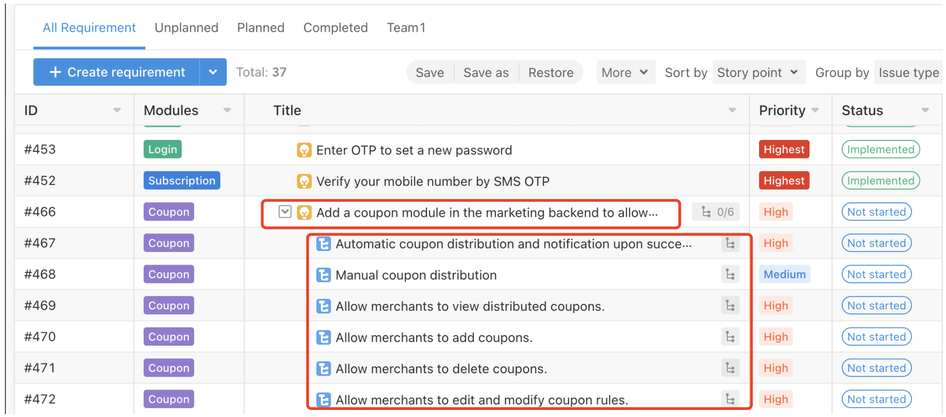
➢ Graded by Product-Epic-Feature-Story



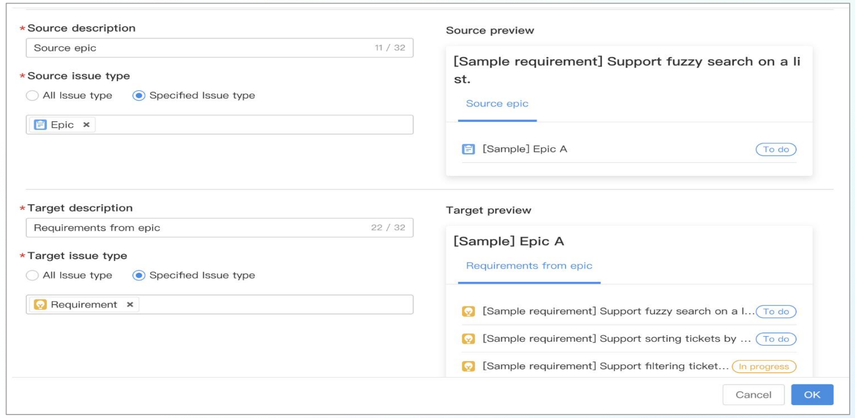
➢ Customize different relationships among issues



➢ Requirement list view showing parent-child hierarchy



➢ View related content and progress



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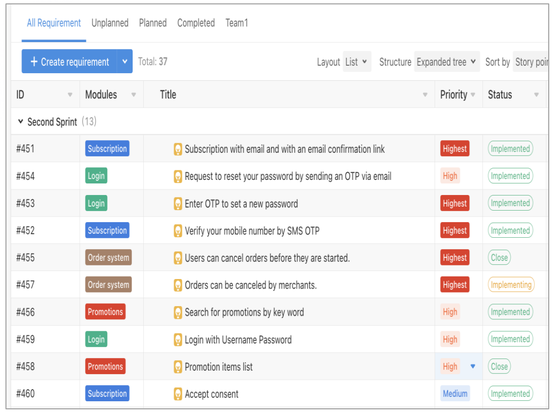
Requirement Management | Development Management | Test Management

Requirement assignment and planning

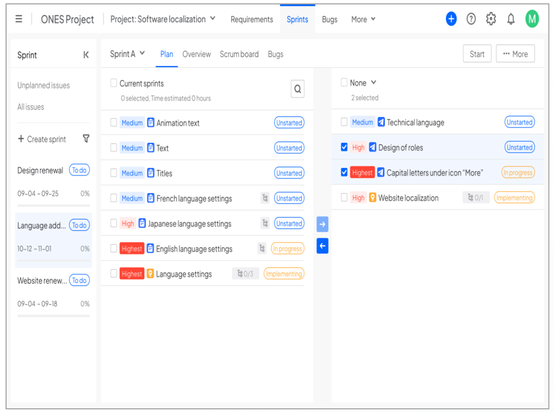
Requirement Assignment

After requirement collection and breakdown, there will be a backlog, and the next step is to plan and assign requirements to team members. Requirement assignment also serves as a great starting point for sprint planning. It helps the development team to identify the tasks that could potentially be a part of the sprint.



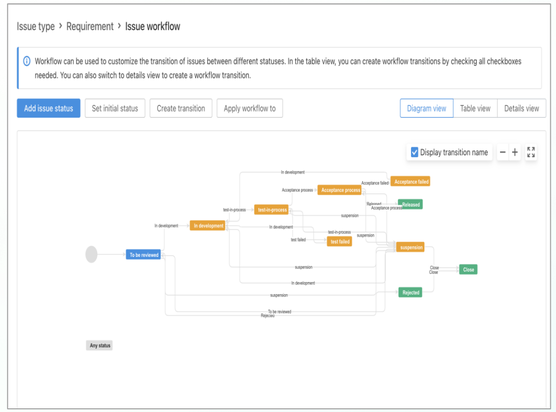
Backlog

In the backlog, all content can be viewed at a glance.



Plan to sprint

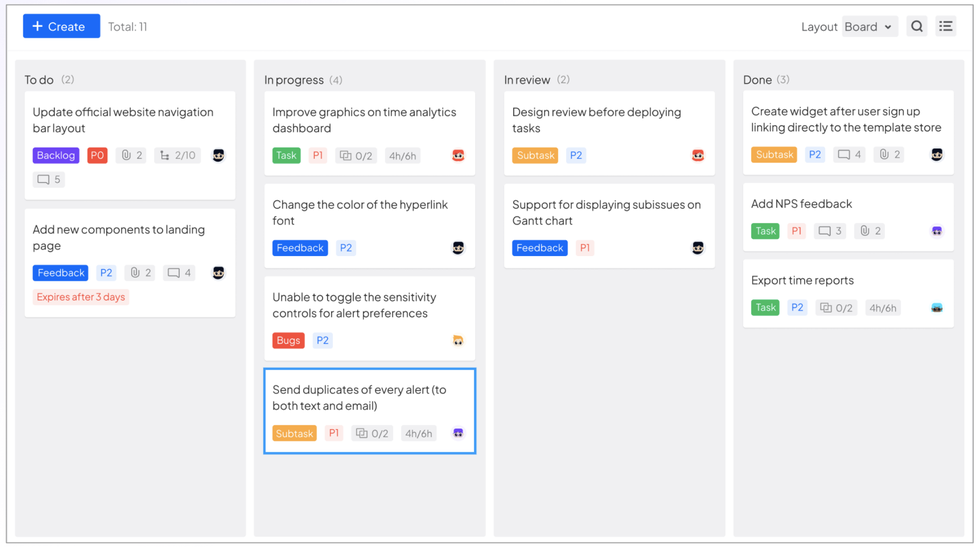
Any requirements can be assigned to a certain sprint at one time.



Workflow

Set up workflow and transfer status automatically. All issues can be assigned to members at the suitable status.

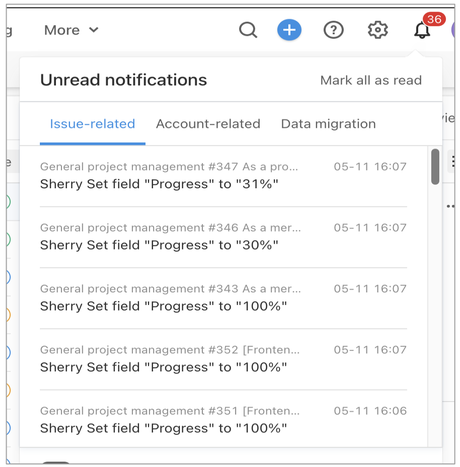
Kanban management

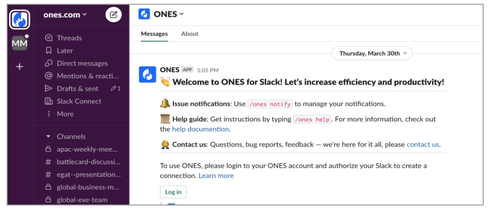


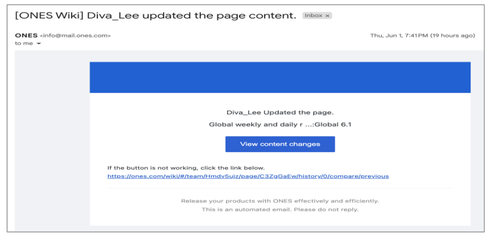
Kanban management, status tracking

- Plan requirements and linked tasks into project plans or sprints, and assign them to team members.
- Clearly display relationships of requirements and tasks on the scrum board, and simply update issue status by drag-and-drop.
- Status in the Kanban board can be freely customized.

Notification



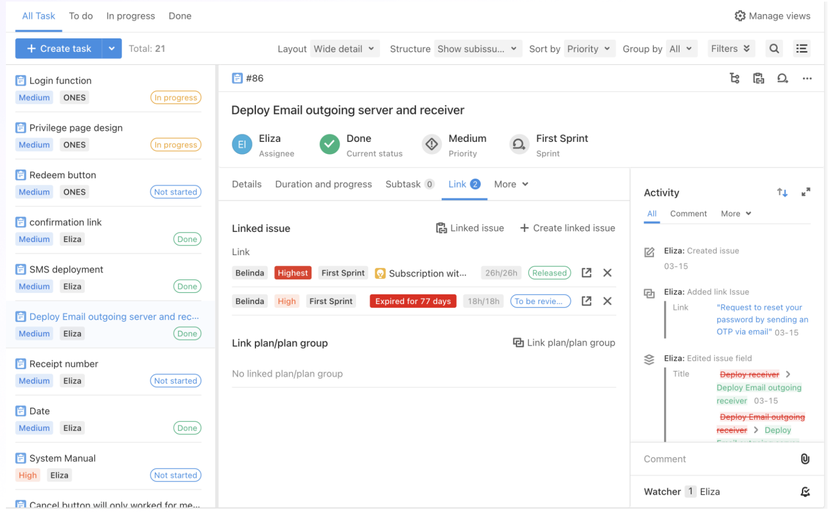


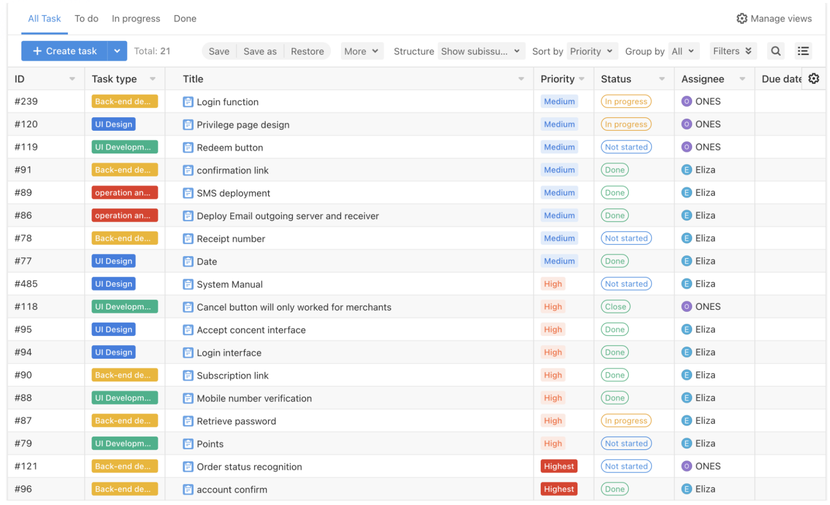


Multiple methods to inform members

- System notification
- Integrated with Slack and inform members about issue changes
- Email notification

Flexible setting of task types and hierarchical control of tasks





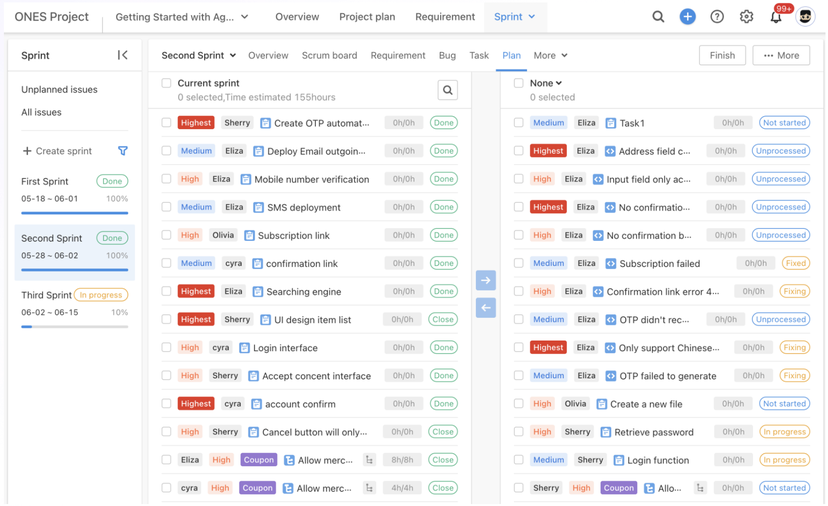
Task linkage management

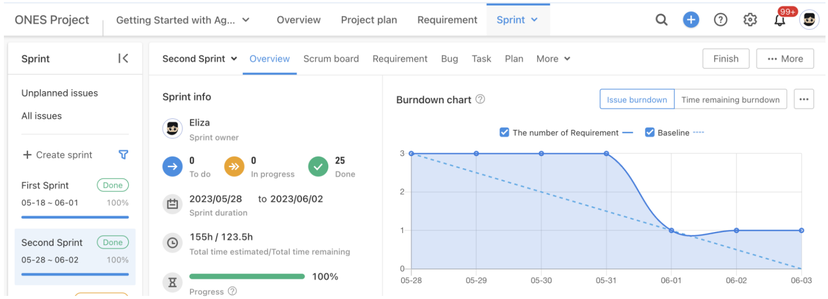
- Assign task owners and use Gantt charts to show task progress for easy traceability
- Track task process comments, attachments and changes
- Task workflow status tracking, personnel permissions and notifications

Task classification management

- Multiple task types can be followed through different Kanban content and workflows
- Task parent-child relationship, association relationship, linkage task status, easy to update the status
- Task progress marking, task overdue management

Flexible setting of task types and hierarchical control of tasks





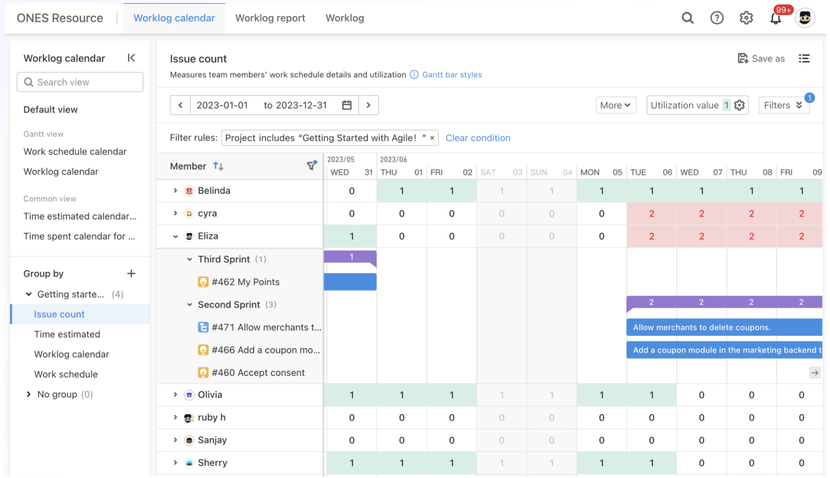
Establish sprint plan and manage development tasks

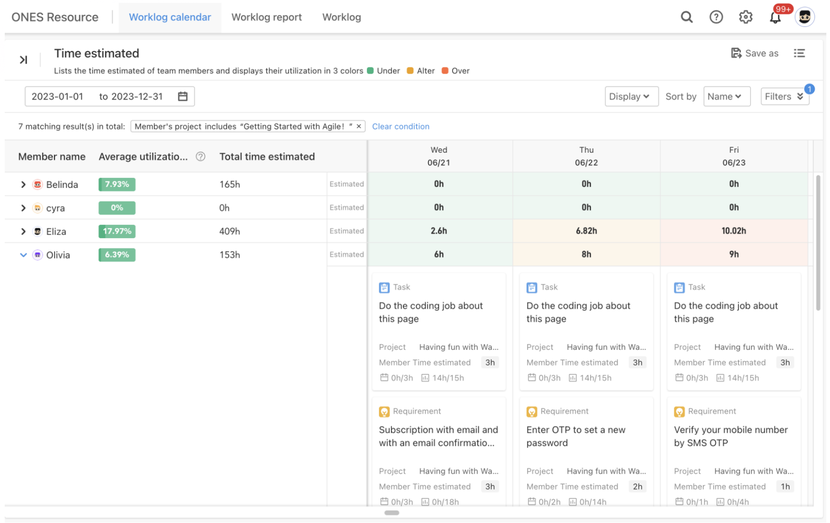
- Develop sprint plans and follow up the progress of the work in each sprint
- Sprint cycle schedule and phase planning, task time statistics, estimating activity duration

Task process tracking

- Kanban, burndown chart and other tools to control the current progress in real time
- Manage the planning of adding and deleting issues such as requirements, tasks and bugs within sprint in real time

ONES Resource ： planning and monitoring team workload





Team resource planning

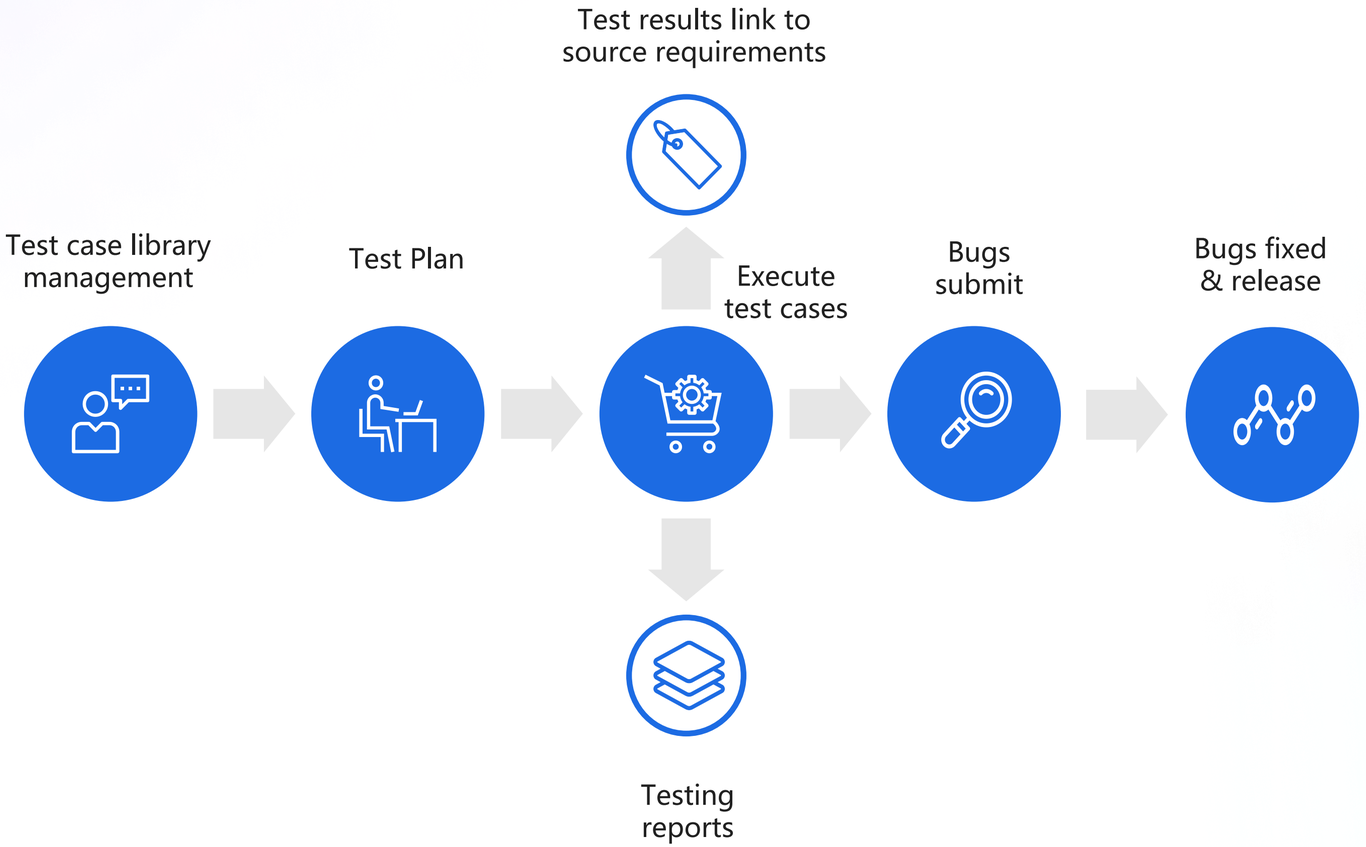
- Visualize the work plan of team members and help managers assign tasks properly
- Support cross-project team resource planning and improve team human resource utilization

Team resource monitoring

- Count project hours, estimate and control project costs scientifically
- Support to view the resource utilization and load of projects and teams to improve resource allocation efficiency

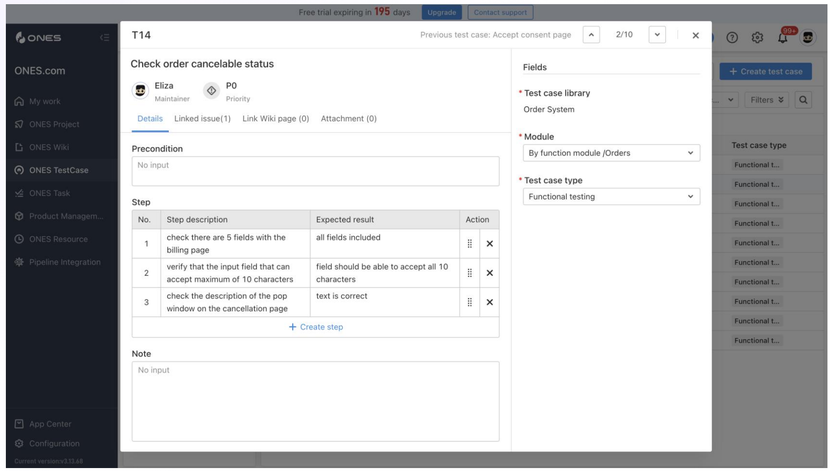
Realize closed loop of testing and bug management

The connection of requirement, task and test in financial projects is conducive to demand tracking, forming a closed loop of management; Testers can create relevant test cases for requirements, formulate and execute test plans, record test results for use cases, and generate test reports.
At the same time, use case execution fails to submit bugs to the project with one click, making bugs flow efficiently between test and development departments.



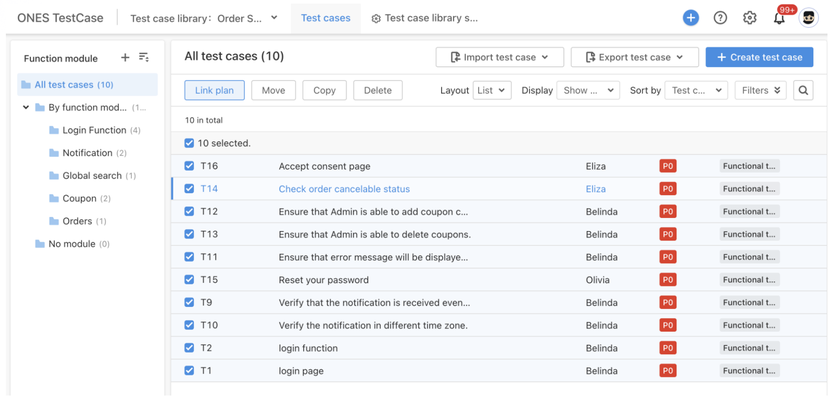
- Test case library management
- Creation and execution of test plan
- Specific testing steps and results record
- Bug management during testing
- Test plans and results link to requirements and tasks

Test case and plan management to improve test efficiency



Test case preparation and management

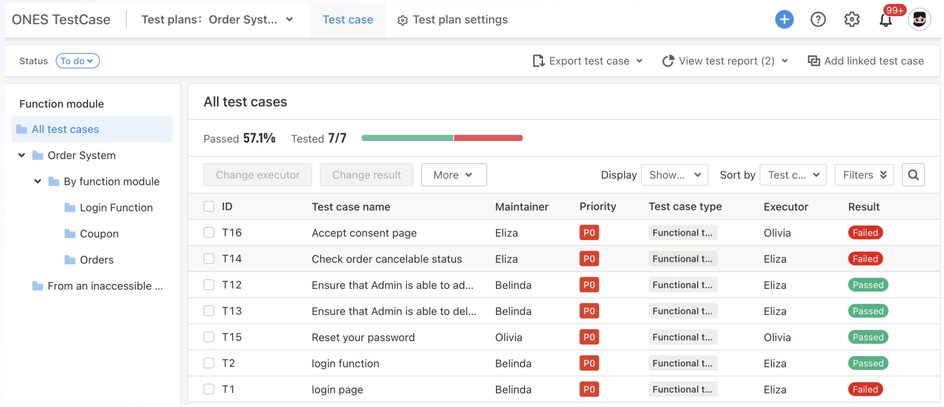
- Custom use case steps and use case fields
- Flexibly adapt to different business scenarios to meet the needs of individual use cases
- Use case filter: use case title, module, priority, use case type, executor, or execution status.



Test plans are associated with use cases

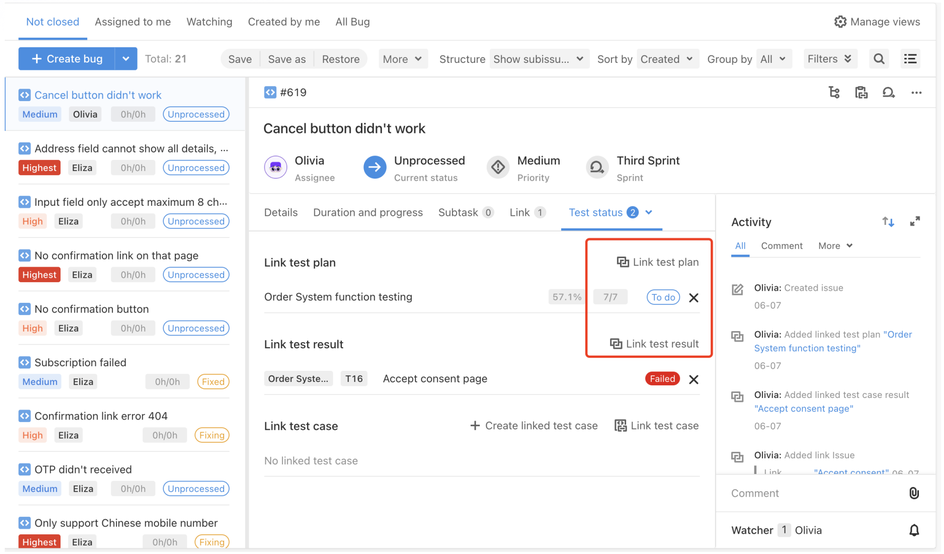
- Visualize the work plan of team members and help managers assign tasks properly
- Plan cross-project team resource planning to improve team human resource utilization

Test results are linked with requirements and quickly generate test reports



Test process management

- Current test plan real-time execution progress and quality
- Use case test steps Process results and overall results are quickly registered
- View real-time test defect reports and export reports



Test plans and results associated tasks

- Correlate use cases to requirements, defects, development tasks, etc., and calculate use case coverage
- See test and requirement tracking

Closed-loop and collaborative management of project tasks

In view of complex task relationships and linkage management among tasks in financial projects, multi-task settings are adopted to promote the overall progress of the project in a timely manner through real-time synchronization of the follow-up and status of different tasks in the project.
At the same time, tasks can be configured and classified according to the attributes of the task, real-time updates are made according to the flow steps during the execution process, and problems and risks in the project are controlled in a timely manner.

Task source → Task analysis → Flow of task → Task linkage → Task notification → Task release

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Challenges and needs

Product Features » Stability Security » Configuration » Usability » Service » Fast Migration » Training Support

End-to-end digital R&D management

We hope s management collaborat sses R&D managem &D scenarios. This tool will facilit tion among teams on the same fficient monitoring of project pr anagement at a high level.

Cost reduction & efficiency improvement

As business ex efficiency becomes cruc ganizational collaboration

By implement t, we enhance team collabor e operational costs, and exp rnatives to Jira and Confluenc

Jira & Confluence replacement

Due to banking reg we have strict demands for rol.So we have to replace Jir they don't provide the sever migration is needed.

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01

Digital trends& challenges

02

Solution

03

Customer case

04

Principle

Fundamental Principles of Digital R&D Management

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Clarify the goals and direction of digital transformation

Establish goals aligned with organizational development to guide the direction of digital transformation.

Strategic planning, agile implementation

Software development management is a systematic process that requires strategic planning and coordination to optimize the synergy among different elements.
Using agile iterations and incremental implementation to reduce resistance and drive successful transformation.

Business value-driven, balanced consideration of top-down and bottom-up

Software development needs to align with business requirements and generate business value. It requires a balanced approach that considers management and execution needs, supported by tools for effective work.

Why ONES?

01 Web-based on your own server

02 Natively built for seamless user experience

03 High performance & availability

Excellent customer support at any scale

1. Demand collection
2. Product configuration
3. Installation and deployment
4. Testing and delivery
5. User training
6. Customer success

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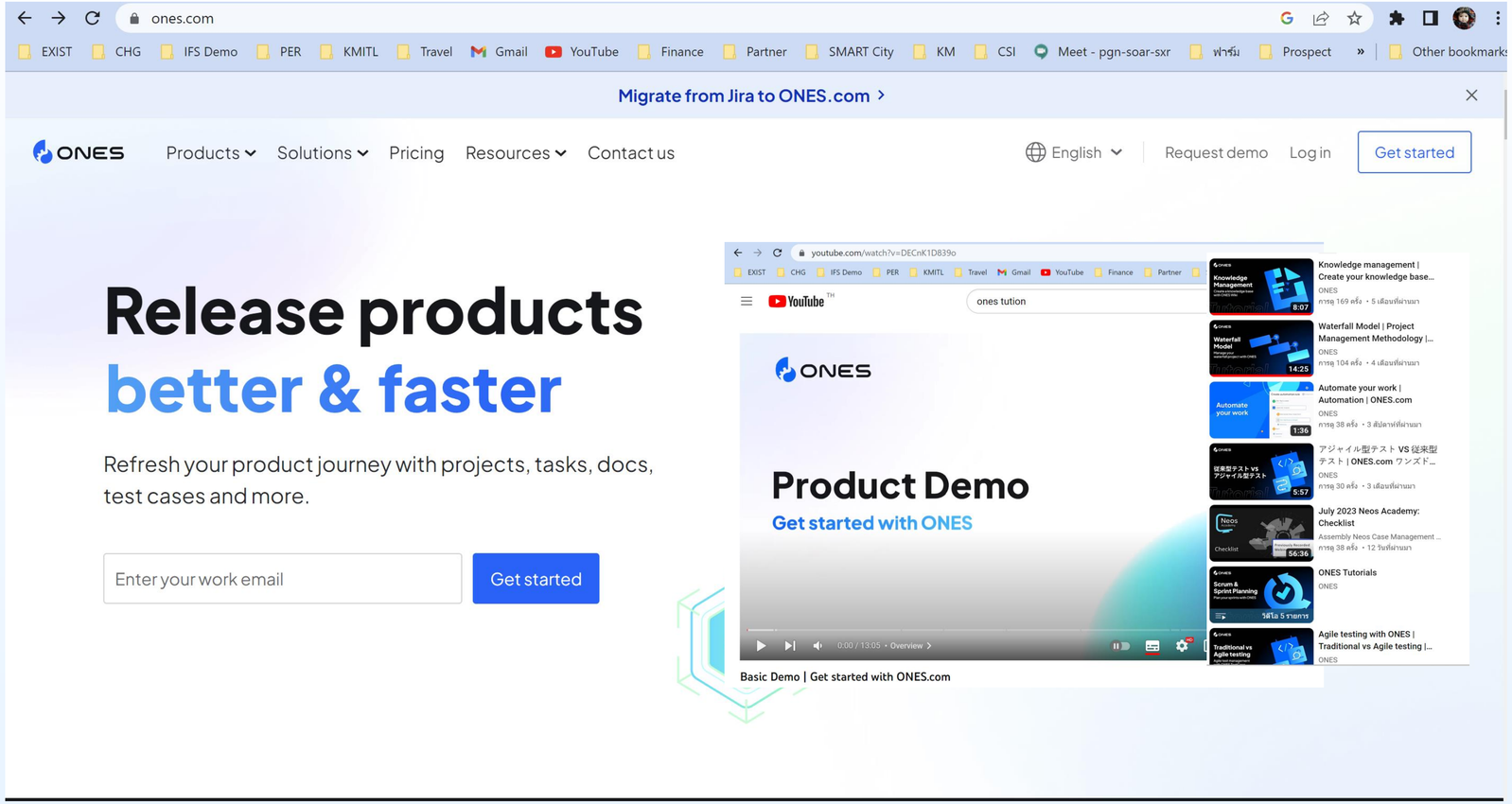
Thanks



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