**Phase - Discover:**

**Tool:**



**Jira Product Discovery gives product managers a hub where they can systematically gather and organize product inputs and make data-driven decisions**

* Collaborate with your team organizing ideas into views such as a list, matrix, board and timeline.
* Prioritize ideas and opportunities.
* Create and share timeline views.
* Aggregate customer feedback from Chrome, Confluence, Google Docs, Slack, and Teams.
* Work with users, prioritize critical initiatives or pivot to new ideas.
* Track the delivery progress of ideas.

**Tool:**



**It was helpful in work together in a flexible, inclusive collaboration space.**

**Sticky notes & text:** Add ideas, action items, and more as a sticky note or text box — then change the colors and cluster to identify patterns and new solutions.

Infinite & resizable canvas options: Choose the right canvas for your collaboration goals — flexibility without limits.

Flexible permissions: Control access to collaboration features with view-only, edit, and facilitator settings.

Mapping and diagramming: Build quick and easy visualizations of flows, maps, processes, hierarchies, journeys, and more.

Icons, GIFs, & images: Express complex ideas visually or lead an engaging team-building activity with Noun Project, GIPHY, and Unsplash integrations.

Create & publish custom templates: Save time and scale methods across your organization by publishing templates to your workspace.

**Phase - Plan:**

**Tool:**



**It is a software development tool used by agile teams.**

Unfunk your workflow: Set up, clean up, and easily manage even the most hectic project workflows.

Stay on track – even when the track changes: Use new roadmaps to sketch out the big picture, communicate plans with stakeholders, and ensure your team stays on the same page.

Ditch the spreadsheets: Keep every detail of a project centralized in real time so up-to-date info can flow freely across people, teams, and tools.

**Tool:**



**Pages:**

Pages are documents where people create, edit, and discuss their work.

**Spaces:**

Spaces are areas that contain pages for individuals, teams, and strategic projects.

**Advanced search & page tree:**

Organize and find pages easily with advanced search, labels, and an intuitive page hierarchy.

**Best practice templates:**

Start with a blank page or choose from over 75 customizable templates for every team–from strategy and planning docs to reports.

**Jira integration:**

Connect plans to development work with powerful Jira integrations including issue-tracking and dynamically updating roadmaps.

**Tool:**



**Easy task management & collaboration:**

Manage tasks right where you already chat about ideas. Collaborate smoothly with features that inspire transparency and clarity.

**Organized discussions:**

No more searching through threads from last week for important information. All tasks get their own discussion thread - keeping your channels neat and organized.

**Task start & due dates:**

Set deadlines for tasks that need to be done on time. Combine start and due dates to ensure timely delivery and execution.

**Assign tasks to the right team members:**

Assign the right tasks to the right people. Automate your workflow by choosing an auto-assignee on a certain work step. This will make automatically assign the work step to this person.

**Move tasks to other boards:**

Move your tasks & data seamlessly from board to board. Empower your teams to collaborate, share knowledge and overcome challenges.

**My tasks:**

My tasks collect all tasks assigned to you throughout your workspace and ranks them by priority.

**Customizable work steps:**

Create your own custom workflow! Add and edit work steps on any task board to fit your team's unique process.

**Phase - Build:**

**Tool:**



* Get a head start on your coding by leveraging Docker images to efficiently develop your own unique applications on Windows and Mac. Create your multi-container application using Docker Compose.
* Integrate with your favorite tools throughout your development pipeline – Docker works with all development tools you use including VS Code, CircleCI and GitHub.
* Package applications as portable container images to run in any environment consistently from on-premises Kubernetes to AWS ECS, Azure ACI, Google GKE and more.

**Phase - Test:**

**Tool:**



Cypress is a purely JavaScript-based front-end testing tool built for the modern web. It aims to address the pain points developers or QA engineers face while testing an application. Cypress is a more developer-friendly tool that uses a unique DOM manipulation technique and operates directly in the browser.

Using Cypress, QAs or developers can create:

* **Unit tests**
* **Integration tests**
* **End to End tests**

**Tool:**



Selenium is a popular test automation tool that automates web-browsers. This open-source tool has been a leading choice for testers for over a decade now.

* Test commands are translated into a URL
* Browser Drivers receive these URLs using the HTTP server
* The URLs are forwarded as a request to the actual browsers, and all commands in the test scripts are executed.

**Phase – Continuous Delivery:**

**Tool:**



Jenkins is an open source continuous integration/continuous delivery and deployment (CI/CD) automation software DevOps tool written in the Java programming language. It is used to implement CI/CD workflows, called pipelines.

Every commit made in the source code is built and tested. So, instead of checking the entire source code developers only need to focus on a particular commit. This leads to frequent new software releases.



**Phase – Deployment:**

**Tool:**



Bitbucket is our Git repository management solution designed for professional teams. It gives you a central place to manage git repositories, collaborate on your source code and guide you through the development flow. It provides awesome features that include:

* Acces control to restrict access to your source code.
* Workflow control to enforce a project or team workflow.
* Pull requests with in-line commenting for collaboration on code review.
* Jira integration for full development traceability.

**Phase – Observe:**

**Tool:**



* Nagios is a popular open-source software application for monitoring systems, networks, and infrastructure.
* In DevOps, Nagios can be used to monitor the health and performance of various components in the IT infrastructure, such as servers, applications, and services.
* It provides real-time notifications about issues and failures, which can help organizations identify and resolve problems quickly and minimize downtime.
* Nagios can also be integrated with other DevOps tools, such as Ansible and Puppet, to automate monitoring and configuration tasks.

**Phase – Continuous Feedback:**

**Tool:**



**Request Management -** Manage work across teams with one platform so your employees and customers quickly get the help they need.

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**Problem Management -** Group incidents to problems, fast-track root cause analysis, and record workarounds to minimize the impact of incidents.

**Asset Management -** Store assets to manage inventory efficiently, track ownership and lifecycles, and reduce costs.

**Configuration Management -** Gain visibility into the infrastructure that supports critical applications and services. Understand service dependencies so you can minimize risk.