

Agile methodologies for small projects. Kanban

Kanban is a popular Agile approach that our team uses in software development.



Kanban is a system of setting goals and organizing workflows to effectively achieve objectives.

This methodology assumes transparency in the progress of work and is one of the Agile approaches.

particular project, which significantly enhances the impact and allows all participants to monitor the status of tasks.



Kanban boards

The work of our team is built around the Kanban board, which is used to visualize and optimize the workflow.

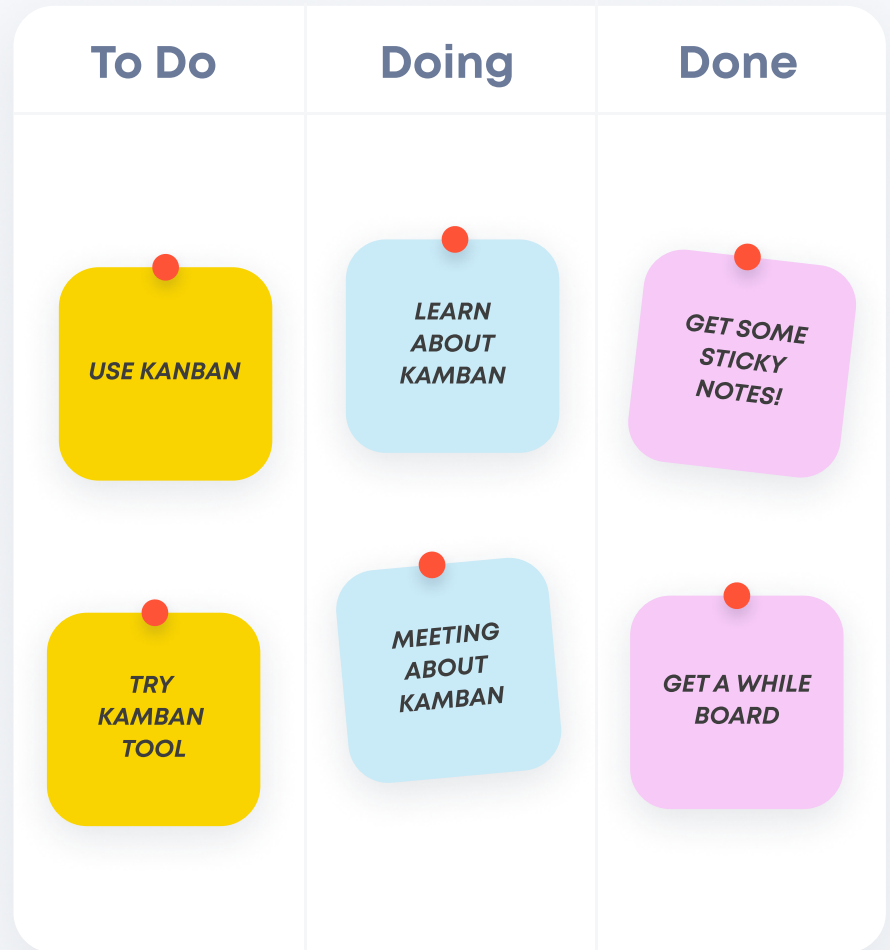
Our team adjusts the board to the needs of the client, increasing the productivity of the project. While some teams prefer to use real whiteboards, virtual whiteboards have long been a must-have feature in any Agile software development tool.

Using a virtual whiteboard allows you to track workflows, organize collaboration and access from different locations.

Kanban involves real-time performance discussion and complete transparency of workflows. Work tasks are visually presented on a Kanban board, which our team specifically adapts to a



Standard Kanban board



Our team customizes the board to suit our clients' individual goals.



Real example:

in addition to "To Do", "Doing" and "Done", we add columns:

- In review
- QA
- Deployed
- Blocked"

These columns help us check the quality of the code, perform testing, and during a successful check transfer it to the "Done" status.



Kanban cards

Using Kanban cards makes it easier and more convenient for our team to track the life cycle of work tasks. Kanban cards display all the necessary information about a specific work task (its description) available to the whole team:

- the person who is responsible for completing this task,
- a brief description of the work done,
- an estimate of the time required,
- screenshots can also be attached for a more visual explanation.

As we mentioned earlier, we use virtual Kanban boards and include

screenshots and other technical details in the cards that are important for the performer.

When the entire team sees the status of each work task at a given point in time, as well as all the information associated with it, increased concentration, full transparency, blockers and dependencies are detected faster.



WIP (work in progress limit)

Work in Progress limits (WIP) are enforced throughout the Agile development process and within our team to limit the maximum number of tasks in each step of the workflow.

By limiting the amount of work in progress, we can find weak points in the team's workflow. There is no difficulty for us to identify problems in the product delivery flow before things get complicated, and we will display this on the board.



Benefits of Kanban

01 Fewer bottlenecks

Established limits allow you to find much faster bottlenecks and problem areas that have appeared due to a lack of attention, people or skills.

02 Flexibility

The team concentrates only on the current work, the priority of the task is set by the manager.

03 Visibility

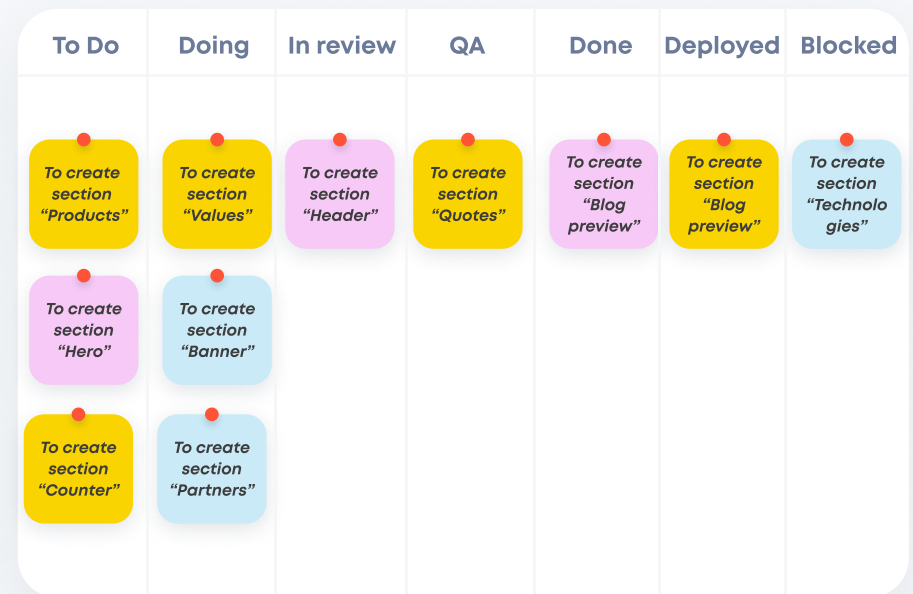
When all performers have access to the data, bottlenecks are easier to spot. Each team member can see the status of the task.

04 High team involvement in the development process

The team concentrates only on the current work, the priority of the task is set by the manager.



Our team's customized board



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