**Kanban, what is it and where does it come from?**

In the mid 20 century in Japan at Toyota.

**Kanban (signboard or billboard)** flow and visualization signal or card (work needed to be done), each card should contain information for the person to perform the right task. [self-contain unit of work] [to do, in progress, done]

***Advantages:***

1. *Workload is aligned with capacity*
2. *Enhanced collaboration*
3. *Greater flexibility*
4. *Reduced overburden*

***Principles***

* Visualize work
* Limit work in progress
* Focus on flow
* Continuously improve

**Scrumboard** visualize scrum in the project.

**Platforms (Jira and Trello)** have taken this concept. [Real-time updates, automation of recurring tasks and easy integration]

**Jira**

One of the most popular work tracking systems developed by Atlassian (project management tool based on Agile)

Usage

* Plan
* Track
* Release software

Provides

* Scrum & Kanban boards
* Product backlog management
* Reporting & analytics tools

Note: Jira can help you with any kind of project.

***Rule of thumb:*** always start simple and enrich your setup gradually.

**Steps:**

*Create project -> Scrum -> use template -> select a team managed project*

*“Project name” -> more options -> project settings*

***Tabs:***

1. **Access** (add all the members with his roles)
2. **Issue types** (artifact that captures work) [PBIs]
   1. *Summary and description (scope, definition of done, goal, workflow status)*
   2. *Assignee (person that carry out the work)*
   3. *Labels (sort, characterize and customize work)*
   4. *Parent (structure hierarchy)*
   5. *Sprint (assign to a sprint)*
   6. *Story point estimate (effort)*
   7. *Reporter (person who create the issue)*

*Note: you can customize by dragging and dropping them, move on the workflow top right button*

1. **Timeline** Jira’s version of a Gantt Chart (schedule work overtime)
   1. *Expand or collapse any epic to see the children’s tasks and how they are scheduled (if you click the boxes a details bar will appear and you can edit all the details of the issue)*
   2. *On the top you can sort by workflow status or and filter by any custom labels or by issue types.*
2. **Backlog** useful for backlog grooming
   1. Prioritize just moving above or below and can see all issue details
   2. Create Sprint just click the button of the top right “create sprint”
      1. Just move the issues to the sprint and start the sprint (fill the data)
      2. Move the workflow just by dragging and dropping on the other side
   3. Add the column in the table
      1. More options and select configure board
3. **Issues** list of all issues
   1. You can easily search and filter
      1. Save the filter
4. **Basic options on the top bar**
   1. Your work (shows the current user all the work that is assigned to them)
   2. Projects (create or show assign projects)
   3. Filters (all save filters for easy access)
   4. Create (create a new issue)