# How the App Works ?

Simpleflow is based on Symfony 4, and works like a CMS. When a new project is created, we begin with a skeleton project with default source code. Then we have application modules responsibles of configurations and modules responsibles of the app Execution. To init the project, we make all the require configurations, like setting the database parameters, emails parameters and so on. Then we write the Workflow classes.

The main elements of the workflow are

Every workflow is made of the current elements.

* A main table
* A validations table
* A states table
* A workflow levels table
* A rôles table
* A validation history table.

Validations can be of many types :

Validations based on roles

Here every state of the workflow is associated with a set of roles which can act when the workflow is in this state.

Validations defined by users

Here the user specifiys the validators and the workflow level when creating a new instance.

Mixted validaitons

Here the user still define the validators but after that, in backend some validations levels based on roles are added at some levels.