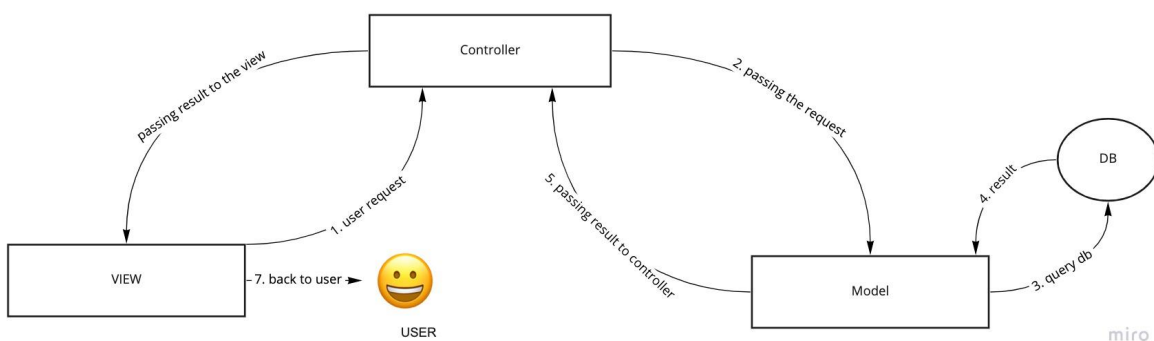# The MVC Pattern

An architecture pattern is an approach or solution in software engineering that is meant to build an application in a certain and specific way that uses the same methods and framework when in use. The advantage of using it is minimising business risks, reusable code, and time efficiency thus the problem was already addressed in the past.

The MVC pattern stands for MODEL VIEW CONTROLLER. The MVC distinguishes the business logic (model) from the UI (view) and makes sure they won't communicate with each other directly but through a controller which functions as a middleware.   In that way, when a user wants to perform an action through the view the request is transmitted to the controller which analyses the request and passes it to the model which is in charge to reach out to the database and perform the action. Once the model is done, it sends the result to the controller and the controller is now passing the outcome to the view and back to the user. It is worth mentioning that the controller should not hold logic actions as it's only the messenger.

We would use the MVC pattern in high scale and even medium scale application size. By doing so, we are making sure that all developers, from the newest to senior, speak the same "language" when developing new features or understanding the way the application works.