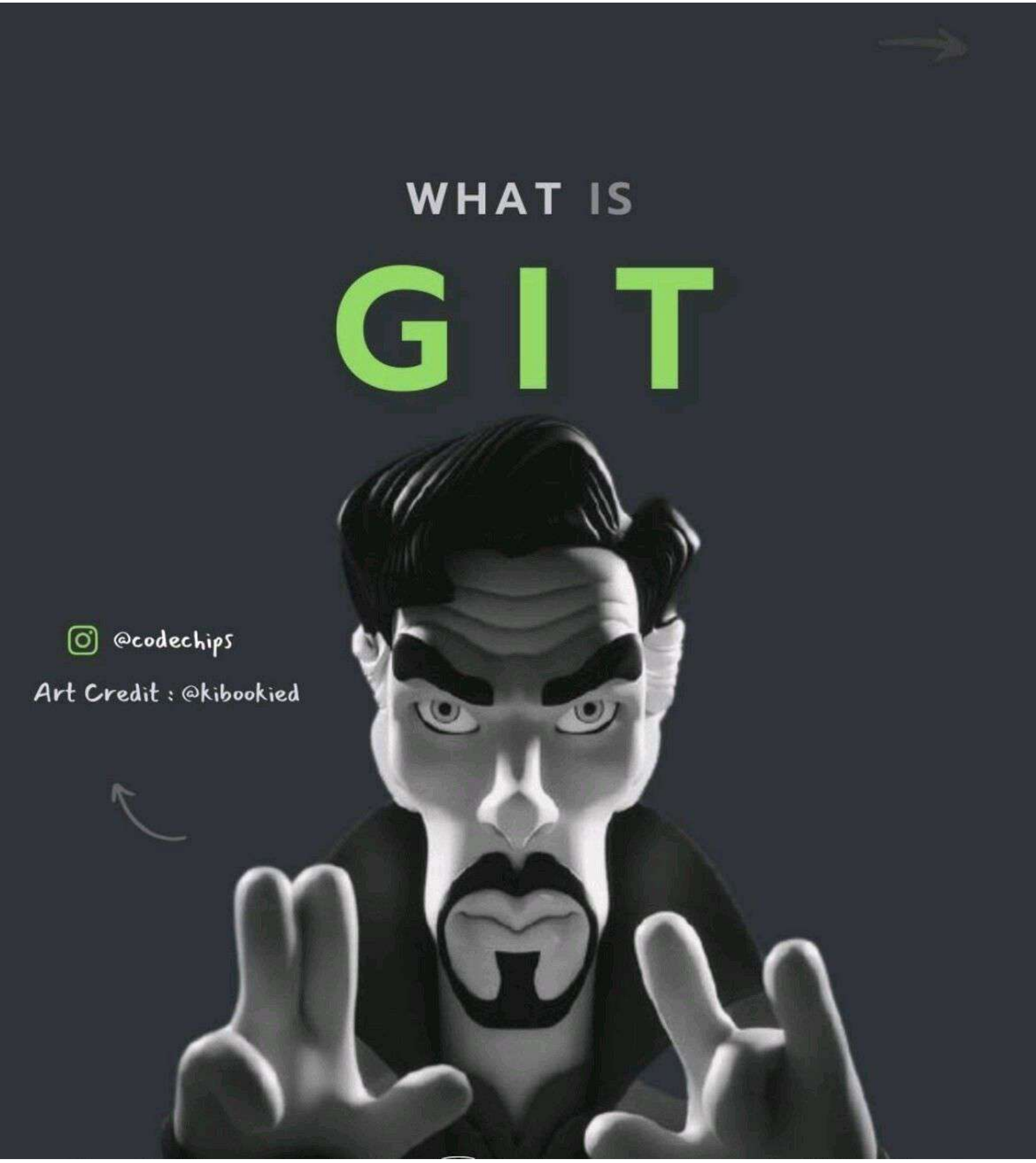
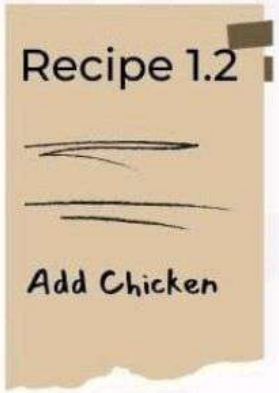

WHAT IS
GIT
@codechips
Art Credit : @kibookied

You wanted to cook a new dish

After a lot of trial and error, you made your first version of dish

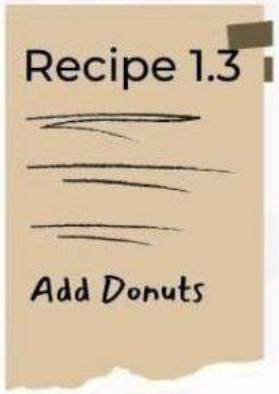
You want to improvise your dish

So you add few other ingredients and make a 2nd version of your dish



You are still not satisfied

So you again improvise your recipe and make a new 3rd version of your dish



And what if you have a team

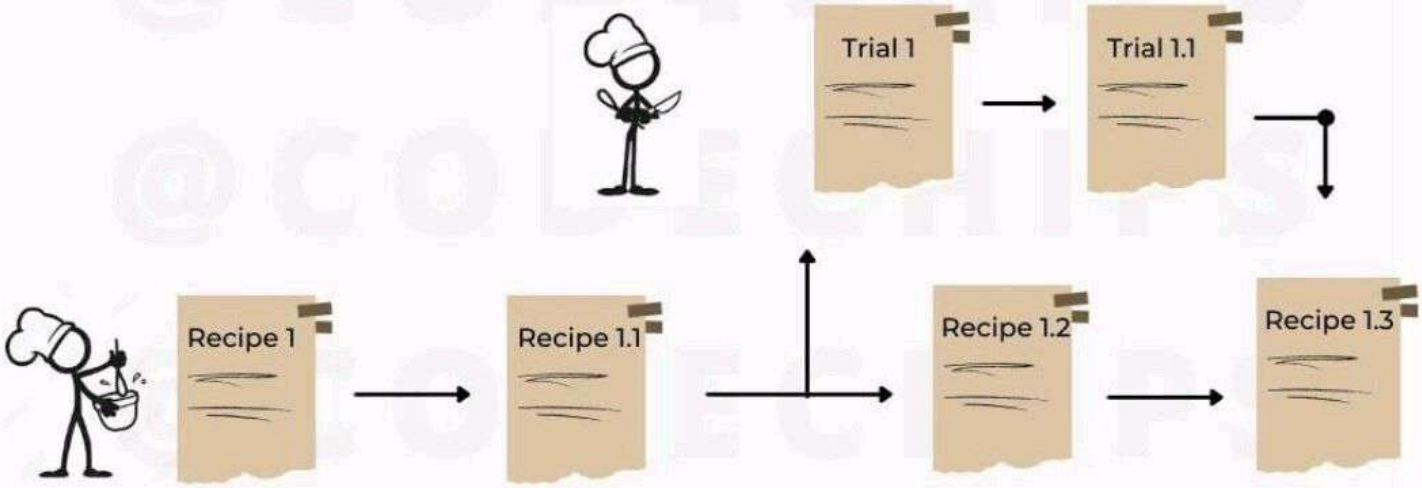
and everyone wanted to taste each version of your dish and add their own ingredients and contribute to your masterpiece

Everything is messed up

Wouldn't it be great if there was a **time machine** which stores all your recipes and dishes seperately so if something goes wrong you could go back to the previous dish

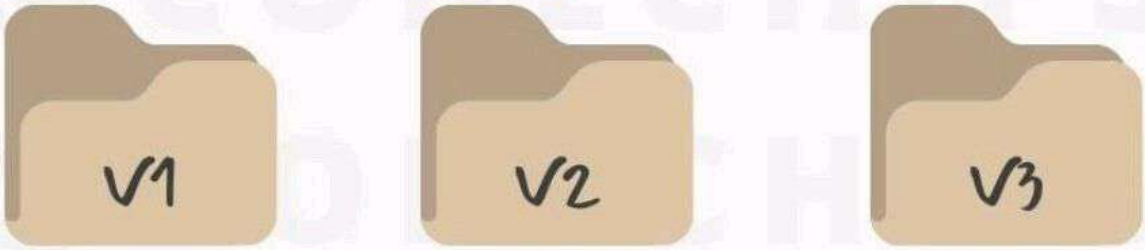
That is where GIT comes into play

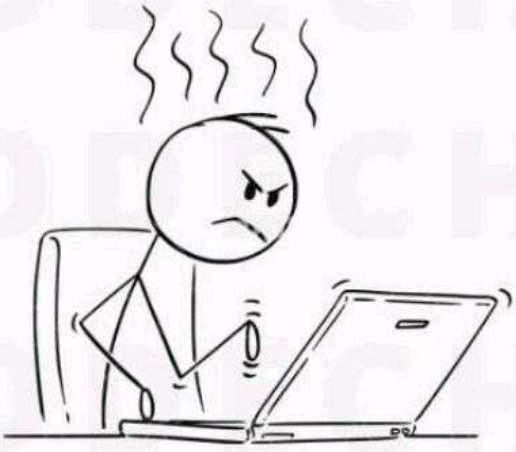
Git is a **distributed version control** system



Git **tracks the changes** you made, so you have a record of what has been done, and you can revert to specific versions. It makes collaboration easier, allowing changes by multiple people to all be merged into one source

Earlier Developer would have their Backup source code in seperate folders. Reverting back and collaborating is a tedious job





Git can automatically merge the changes, so two people can even work on different parts of the same file and later merge those changes without losing each other's work!