Framework problem and solution

Choosing the Right Framework

There has been massive sprouting of new web application frameworks in the market. It is not easy for developers to keep up with these frameworks as they keep changing and increasing in number. This problem is mostly encountered by newbies in the industry, together with students. For organizations to keep maintaining top positions in competitions, the technologies they use should have the ability to keep time. This can be achieved through the use of frameworks that try to solve problems such as coding everything from scratch and covering some programming aspects to minimize the time taken to develop them. Some of these aspects include access to the database, authentication processes, and session management. However, the choice of framework to be used depends on the complexity and intended purpose of a web application or website. Simple display websites, for example, can be made without the need for any framework.

1. Usage Context

Before you even start looking at a frameworks, you'll need to make a list of your requirements and whether a framework is suitable for that purpose.

You are in need of a framework if:

- your application is primarily based on CRUD operations
- you need proper separation of the UI and underlying logic but don't have the time to implement a proper system
- you find yourself having a self made library you use in each of your applications covering user authentication, sessions and other usual operations associated with creating a web application
- you have a boss who wants you to create a CMS for them in 2 days and you already know the framework

You DON'T need a framework if:

- you want a pretty URL system alone
- you want only a specific part of the framework like its ORM
- you are on a tight timeline and you need to learn the framework from scratch
- you were told frameworks cure cancer