This Section will illustrate the meaning of software architecture and how it improves the productivity and quality of the software, also we will describe the points that we took in view to make software architecture for our project.

**What is the Software Architecture?**

The design stage in software development is a process by which the conceptual model obtained in the requirements stage is transformed into another model which is capable of being implemented. The software architecture of a computing system is the overall structure of the system which comprises software components and the interactions among them[39].

**Benefits of software architecture.**

By now we must have understood that good software architecture is extremely important for our software project. So here are some points of benefits that we took in view to make our software architecture[40].

* It creates a solid foundation for our software.
* Increases performance of the platform.
* Providing a big-picture vision of the software.
* Better code maintainability.
* Helps manage complexity.
* risk management.

**Our Educational Game Architecture**

According to the requirements that we chose our software should provide four main functionalities:

* Providing hints to the players in the Arabic language.
* Representing the learning content with appropriate elements.
* Providing quizzes to the players to test their understanding.
* Giving players rewards to keep them motivated.

**Our Architecture**