

Architecture Pattern



Course Name: Software Development Project

Course No: CSE 3106

Submitted to:

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Project Title: Minimalistic Sketch

Decision: Using Model View Controller Architecture

Reason:

We are using the MVC architecture pattern because the architecture has better scalability, easier maintenance, more flexibility and higher testability. By separating the data, the logic, and the presentation layers, you can make changes to one component without affecting the others. This also allows for scalability of components according to the demand. In addition, decoupling these layers provides more flexibility in reusing them for various purposes. Finally, isolating them increases testability by allowing for separate tests of each layer.

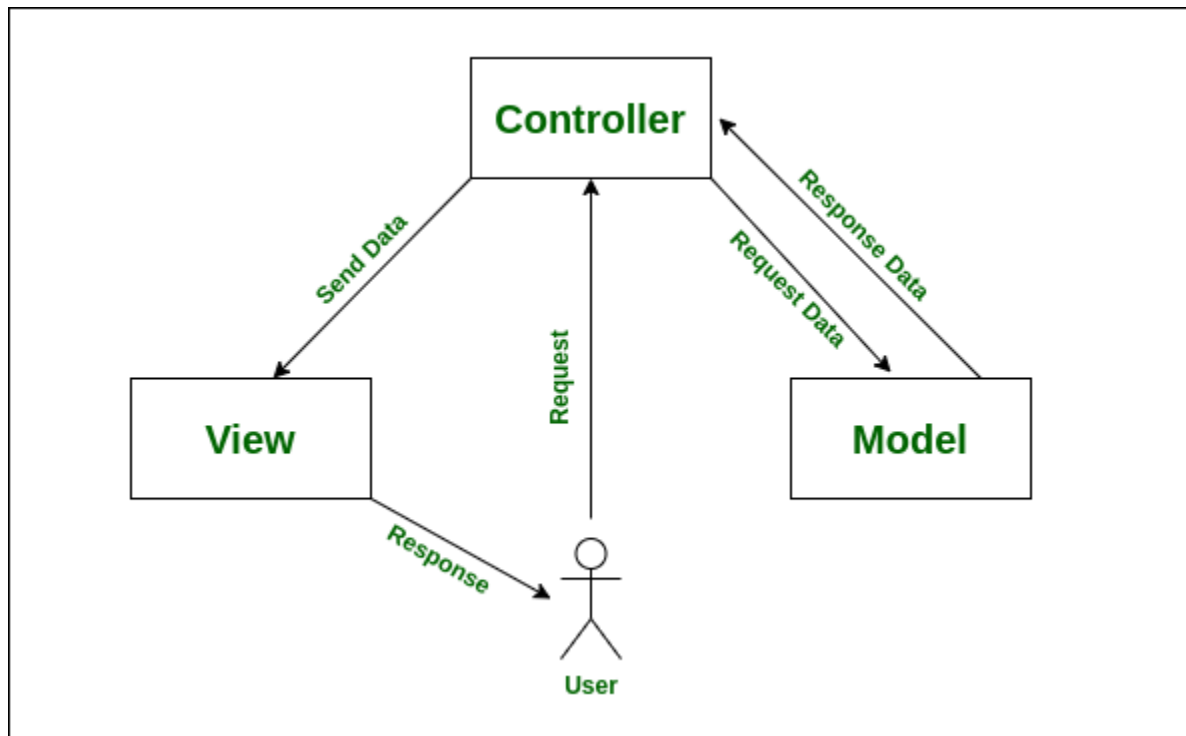


Figure: MVC Architecture