

Welcome to AJ Skills



Introduction to Oops and Apex

Need to code?

- ❖ Customize applications
- ❖ Extend the functionality
- ❖ Enable to create single page apps with reusable components
- ❖ Complex business Requirements

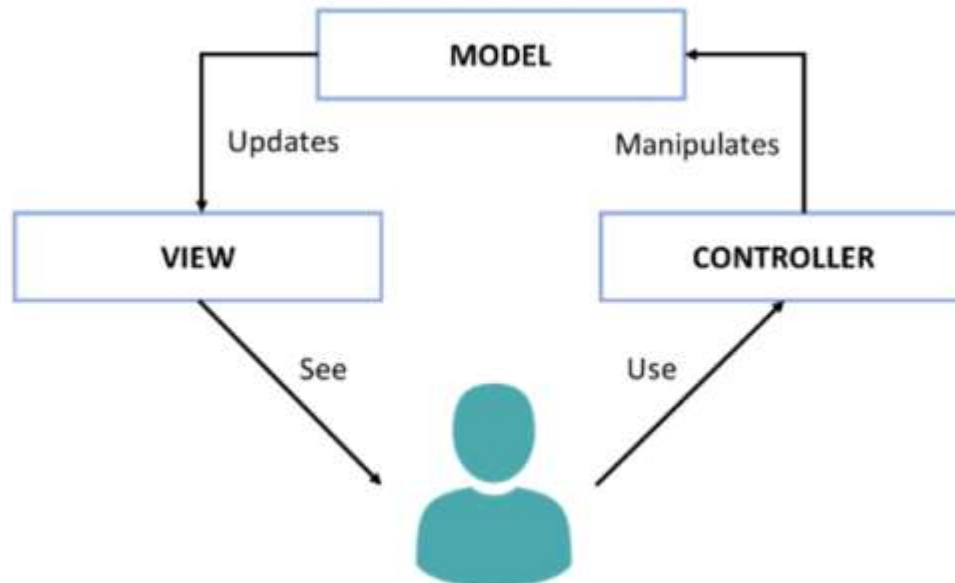
What is MVC

The Model-View-Controller (MVC) is an **software architectural pattern**

Model - Objects, Fields, Relationships

View - VF Pages, Aura Componet, LWC

Controller - Business Logic(Declarative,Programmatic)



Model (Database)

Standard Objects, Custom Objects, Relationships (Declarative)
sObject, wrapper classes (Programmatic)

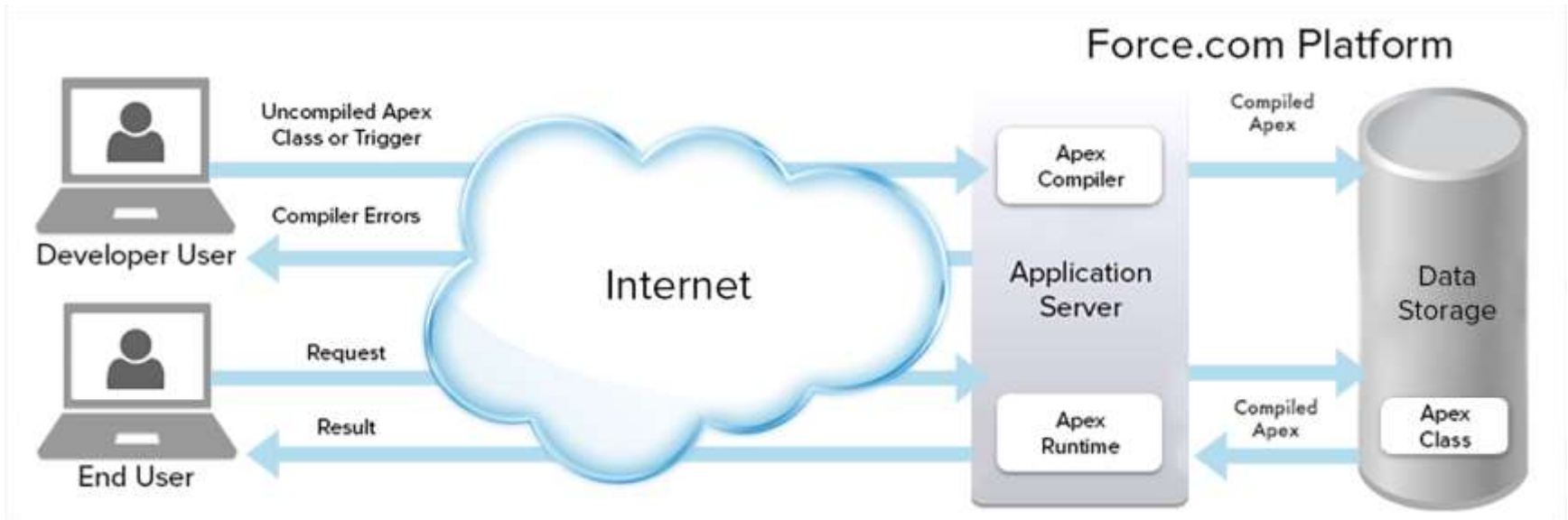
View (User Interface)

Page Layout, Lightning Pages (Declarative)
VisualForce, Lightning Aura Components, Lightning Web Components
(Programmatic)

Controller (Business Logic)

Workflow Rule, Process Builder, Lightning Flows (Declarative)
Apex Classes, Trigger (Programmatic)

How Apex Works



Variable and Data Types

- ❖ Primitive (Integer, Double, Long, Date, Datetime, String, ID, or Boolean)
- ❖ Collections (Lists, Sets and Maps)
- ❖ sObject
- ❖ Enums

`DataType variableName = value;`

Apex Class

```
Private | public | global  
[virtual|abstract|with sharing | without sharing]  
Class className{  
  
    //business logics goes here inside methods  
  
}
```

Apex run in system mode

method

```
[Access_modifier] returnType functionName([parameters]){  
    //business logic  
}
```

By default its private