**Step-By-Step**

**Creating *Build Solution***

* Create a Folder on the Desktop with the Name “Basic Project”.
* Open VS, File [Menu] 🡪New Project 🡪 Templates [Other Projects – VS Solutions – Blank Solution].
* Browse the created folder (“Basic Project”) from the desktop and place the name has "User Presentation".

**Creating *User Layer***

* In VS, go to *Solution Explore* and Right Click on the Solution, Add🡪 New Project 🡪 ASP.NET Web Application 🡪 Change the Name to “WebApp”.🡪 OK.
* Select ‘Empty’ Template.
* Check the Checkbox ‘MVC’.
* UnCheck the Checkbox ‘Host in the cloud’.
* In *Model* folder, Create a Sub Folder with name ’SharedEntities’.
* Create a class 'SE\_Users'.
* Place *partial* to the class *SE\_Users*, with minimum of 4 get set properties.
* *Creating Controller - Login*
* Right Click on the Controller🡪 Add Empty MVC Controller🡪 Change name to ‘LoginController’.
* Rename the Default ‘Index’ in ActionResult to ‘LoginPage’.
* RightClick on the *LoginPage* and create a View. (Without Selecting any Partial View and Layout)
* Create new ActionResult for RegistrationPage & ForgotPasswordPage also. And create view without Selecting any Partial View and Layout.
* Create a folder 'Content', and add files (css, js, etc) for Login Screen.
* *Creating Controller - Home*
* Right Click on the Controller🡪 Add Empty MVC Controller🡪 Change name to ‘HomeController’.
* *Create a Partial View*.
* In View, Create a Folder ‘PartialViews’.
* Right Click on the ‘PartialViews’ Folder, Add View.
* Enter a View name 'HeaderNavBar' and select ‘Create as a partial view’ checkbox.
* Create another View in 'PartialViews' with the name 'FooterNavBar'.
* Create a Folder ‘Shared’ in *Views*.
* Right Click on the ‘Shared’ Folder, Add View with name ' \_MetaTags' (Without selecting any Checkbox, just empty).
* Create a View for ‘HomeController’. (Without selecting any Checkbox, just empty)
* Rename the Default ‘Index’ in ActionResult to ‘Home’.
* Add a Layout dynamically in ‘HomeController’ View, and browse the file or place as null.
* *Creating CSRF Token*
* Create a Class file with the name ‘CSRF\_AntiForgeryToken’ in App\_Start Folder.
* Write down the related Functions in it.
* Create a *JsonResult* Method with the name ‘CheckAunthentication‘in*LoginController.*
* Above the *LoginController,* place HttpPost and the CSRF token Class name (ie., CSRF\_AntiForgeryToken)
* Creating *ContentSecurityPolicy (CSP)*
* Create a Class file with the name ‘ContentSecurityPolicy’ in App\_Start Folder.
* Write down the related Functions in it.
* Creating *XSS Protection*
* Create a Class file with the name ‘XssProtection’ in App\_Start Folder.
* Write down the related Functions in it.
* Login Functionality : Ajax Calls
* Place ajax calls on the Login Button Click
* Place the Code in Login Controller.
* Add the HTTP Redirection along with the key value in web.config