**APEX COLLEGE**

**POKHARA UNIVERSITY**

**LAB REPORT OF**

**DOT NEW TECHNOLOGY**

**LAB-6**

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**Objectives: To set up required Services for the project ApexRestaurant** .

**Theory:** The built-in container is represented by IServiceProvider implementation that supports constructor injection by default. The types (classes) managed by built-in IoC container is called services.

There are basically two types of services in ASP.NET Core:

* **Framework Services:** Services which are a part of ASP.NET Core framework such as IApplicationBuilder, IHostingEnvironment, ILoggerFactory etc.
* **Application Services:** The services (custom types or classes) which you as a programmer create for your application

**Group Discussion:**

* Create an interface “IGenericService.cs”
* Create a class “GenericService.cs”\
* Add a class “ServiceModule.cs”
* Add similar interface , class for every new services.
* Next, add a folder “SCustomer” , “Sstaff”,”SStaffRole”,”SMenu”,”SMenuItem”,”SMeal”,”SMealDish”where S stands for services.
* Add an interface “ICustomerService.cs” inside the folder “Scustomer” and other every new interfaces inside necessary folder.
* Add a class “CustomerService.cs” and other every classes inside the folder “Scustomer”.
* And other required folder as per our need for a complete project.

And finally we have successfully built the project.

**Conclusion:** From this lab we have conclude that, the Service classes are designed to do two things:

1. Inherit from the Repository classes AND
2. Implement their own functionality, which is only necessary when said functionality deals with more than one business object.