**Assignment #2 – Converting a monolithic application into WCF Client and Service applications**

**PROG 3170 – Distributed Applications Development**

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**Question 2:**

**Write down the name of each class and/or interface that is shared by the WCF client and WCF server applications. The classes/interfaces are typically declared at the server application and copied to the WCF client when a reference to the service is added. Obviously the names are project-dependent.**

-IWordScrambleGame interface

-Word class

**Question 3:**

**What WCF client class represents the WCF Server’s Service Behavior class at the client side? Why is WCF Server’s ServiceBehavior class is not available at the client side?**

The proxy class (in our case, WordScramblerServiceClient) represents the WCF server's service behaviour class at the client side. The WCF server's serviceBehaviour class is not available at the client side because it could potentially expose more data or details than the developer of the client should have access to. Exposing unnecessary information about the service could compromise the service's security.