Project Structure for MediaValet Solution

1. MediaValet.Sln
   1. MediaValet.Repository
      1. Entities
         1. Orders
         2. Confirmations
      2. Repositories
         1. Order Repository
         2. Queue Storage Repository
         3. Table Storage Repository
   2. MediaValet.OrderSupervisor.API
      1. Order Controller
         1. Get, Post, Save methods
      2. Send Order to storage Queue “**orders**”
      3. displays a message on the console saying, “Send order #OrderId with random number RandomNumber”
      4. Supervisor will read from Azure Storage Table “**confirmations”**
   3. MediaValet.Agent
      1. generates a unique AgentId which is a Guid
      2. Get Order from Queue
      3. Executing orders write to an Azure Storage Table “**confirmations”**
      4. sending confirmations back to supervisor
   4. MediaValet.OrderSupervisor.Tests
      1. OrderController Tests
2. Design Pattern
   1. Repository
   2. Asynchronous Request-Reply
   3. Queue-Based Load Leveling