Code Review # 1

1. Some statements are executed in certain conditions, put these statements in corresponding if statement.
2. Some statements are useless for logic. E.g. Protocol Version, User Agent, Allow Auto Redirect.
3. Call API to leverage it rather than realize it by self.
4. C# syntax; using statement: (WebResponse, Stream, StreamReader) are all IDisposable.

Code Review #2

1. getJsonContent (string url, string token, bool needToken) changes to

getJsonContent (string url, string tokenFormatInHttpHeader = “”) default value.

1. Replace string.Equals(“”) by string.IsNullorEmpty.
2. Add parameter after Equals: ignore case option.
3. No matter how you ensure your logic, it’s possible… So check it before using it.
4. Not do the duplicate function call.

Code Review #3

1. Put to config.
2. Generally local variables start with lower case.
3. When condition not satisfies, the loop should be broken (ordered) rather than solidly compare them one by one.
4. Use transaction in store procedure containing multiple atom operations.

One of the best practice in software design: make those that need other customized actions as config as possible. Not only for this case, but for all of the similar design.

Code Review #4

1. The parameter name is too general, rename it to a more meaningful one.
2. Not only parameter name, other name like Class name, database table name should also be meaningful.
3. Make sure that no more unneeded statement exists.