Constant Contact Setup (.net SDK)

1) Create an account with Constant Contact
   https://www.constantcontact.com/trial-home

2) Get API Key for the application and Access token
   a. Sign up for a Mashery account or log in
      https://constantcontact.mashery.com/apps/register
   b. OAuth if the application is used by many Constant contact accounts owners

3) Download Constant Contact .net SDK from the below GIT repo
   https://github.com/constantcontact/.net-sdk/tree/master/CTCTWrapper

4) Build CTCTWrapper project and add CTCT.dll as a reference to the desired application

5) Use API key and access tokens in your code and create a service object

```
public class MyContactService
    {
        private static string _apiKey = "xxxxxxxxxxxxxxxxx";
        private static string _accessToken = "xxxxxxxxx-xxxx-xxxx-xxxx";
        private static IUserServiceContext userServiceContext;
        private static ContactService;

        public  MyContactService()
        {
            if (userServiceContext == null)
            {
                userServiceContext = new UserServiceContext(_accessToken,
_apiKey);
            }
            if (contactService == null)
            {
                contactService = new ContactService(userServiceContext);
            }
        }

        public ContactService getContactService()
        {
            return contactService;
        }

    }
```

6) You are all set to use constant contact services now. Sample executions are listed below.
   a. Get all the contacts in your account

```
MyContactService myContactService;
ContactService contactService;

public ContactController ()
{
        myContactService = new MyContactService();
        contactService = myContactService.getContactService();
}

// GET: Contact
// Lists all the contacts
```

```
[Route("Home/Contact")]
public ActionResult Index()
{
    DateTime modifiedSince = new DateTime(2018, 1, 1);
    ResultSet<Contact> contactResults =
contactService.GetContacts(modifiedSince);
```

b. Add a contact

```
Contact newContact = contactService.AddContact(myContact, false);
```