

Sample Code

The WSDL structure links are available when you open the Web Service in a browser

<http://bsestarmfdemo.bseindia.com/MFOrderEntry/MFOrder.svc?singleWSDL>

Sample code for order entry in .NET

For the Method name getPassword in addition to the password a random alphanumeric passkey is sent using the getPassword input so that the response will contain the encrypted password to be used in all subsequent messages.

After the login request to get encrypted password use the encrypted password in subsequent Orders.

Sample String Passed for Order Entry

```
webOrderEntryClient.orderEntryParam("NEW", "00100120160129030807", "", "1000001",  
"10000", "001001", "GFG-HDFC", "R", "FRESH", "P", "5000", "", "N", "234323456", "", "Y", "", "", E123456, "Y",  
"N", "N", "",  
"5IEPKDkD6y/4uOciwnsBCajFaAZldwax/ltylaMAJV7Rap7DmqL8x5gWg2dp5XA7zxdCGZj1u8l=",  
"abcdef1234567890", "", "", "")
```

Example Code for Order Entry

```
namespace BSEStarMFClientApp  
{  
    public partial class Form1 : Form  
    {  
        public Form1()  
        {  
            InitializeComponent();  
        }  
  
        private void Form1_Load(object sender, EventArgs e)  
        {  
            BSEStarMF.MFWebOrderEntryClient webOrderEntryClient = new
```

```
BSEStarMF.MFWebOrderEntryClient();
    string passkey = "E23456789D";
    string password = webOrderEntryClient.getPassword("111101", "xyza2000#$", passkey);
    string [] bsePassArray = password.Split('|');

    string response = webOrderEntryClient.orderEntryParam("NEW","000008", "", "111101", "1111",
"10001", "02-DP", "P", "FRESH", "PHYSICAL", "100000", "", "N", "", "", "Y", "", "", "E123456", "Y", "N", "N", "",
bsePassArray[1], passkey, "", "", "");
    MessageBox.Show(response);
    }
}
}
```

Sample XML for UCC Upload

XML Request for UCC Upload:

```
<?xml version='1.0' encoding='utf-8'?>

<soap-env:Envelope xmlns:ns1="http://tempuri.org/" xmlns:soap-
env="http://www.w3.org/2003/05/soap-envelope">

  <soap-env:Header>

    <ns3:Action
xmlns:ns3="http://www.w3.org/2005/08/addressing">http://tempuri.org/IMFUploadService/MFAPIS3:Action>

    <ns4:To
xmlns:ns4="http://www.w3.org/2005/08/addressing">http://bsestarmfdemo.bseindia.com/MFUploadS
ervice/MFUploadService.svc/Basic</ns4:To>

  </soap-env:Header>

  <soap-env:Body>

    <ns1:MFAPI>

      <ns1:Flag>02</ns1:Flag>

      <ns1:UserId>1000001</ns1:UserId>

      <ns1:EncryptedPassword>/OEBxWPm/KPU0j7y04IJ8RpiFrn++A8Jb2sJymYtb5II5eNyUWCrYA==</ns1:
EncryptedPassword> <ns1:param>4|SI|01|01|Demo|||05/08/1982|M||ABCDE0000A|||P|||||SB|
5010000000000|400000006|HDFC0000001|Y|||||||||||||||||702, Tower, Society, Area,
|City||City|MA|400001|India|||demo@gmail.com|E|02|||||||||9000000001</ns1:param>

    </ns1:MFAPI>

  </soap-env:Body>

</soap-env:Envelope>
```

XML Response for UCC Upload:

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing"><s:Header><a:Action
s:mustUnderstand="1">http://tempuri.org/IMFUploadService/MFAPIResponse</a:Action></s:Header><
s:Body><MFAPIResponse xmlns="http://tempuri.org/"><MFAPIResult>RECORD INSERTED
SUCCESSFULLY</MFAPIResult></MFAPIResponse></s:Body></s:Envelope>
```

Sample code for Image Upload

```
string result = "";
try
{
    PasswordRequest obj = new PasswordRequest();

    obj.UserId = TxtUserID.Text;
    obj.MemberId = txtMemberId.Text;
    obj.Password = TxtPassword.Text;

    string url1 =
"http://bsestarmfdemo.bseindia.com/StarMFFileUploadService/StarMFFileUploadService.svc/GetPassword";
    var httpWebRequest = (HttpWebRequest)WebRequest.Create(url1);
    httpWebRequest.Method = "POST";
    httpWebRequest.ContentType = "text/json";

    httpWebRequest.Credentials = CredentialCache.DefaultCredentials;

    string json = JsonConvert.SerializeObject(obj);

    using (var streamWriter = new
StreamWriter(httpWebRequest.GetRequestStream()))
    {
        streamWriter.Write(json);
        streamWriter.Flush();
        streamWriter.Close();
    }

    var httpResponse = (HttpWebResponse)httpWebRequest.GetResponse();

    using (var streamReader = new StreamReader(httpResponse.GetResponseStream()))
    {
        result = streamReader.ReadToEnd();
    }

    Response1 Response = new
JavaScriptSerializer().Deserialize<Response1>(result);

    if (Response.Status == "100")
    {
        FileData1 Data = new FileData1();

        Data.UserId = TxtUserID.Text;
        Data.MemberCode = txtMemberId.Text;
        Data.ClientCode = TxtClientCode.Text;
        Data.EncryptedPassword = Response.ResponseString;
    }
}
```

```

        Data.Flag = ddlType.SelectedValue;
        Data.DocumentType = ddlDocumentType.SelectedValue;
        Data.FileName = FileUpload1.FileName;
        Data.pFileBytes = FileUpload1.FileBytes;

        WebClient client = new WebClient();
        client.Headers["Content-type"] = "application/json";

        MemoryStream stream = new MemoryStream();
        DataContractJsonSerializer serializer = new
DataContractJsonSerializer(typeof(FileData1));
        serializer.WriteObject(stream, Data);

        byte[] data1 =
client.UploadData("http://bsestarmfdemo.bseindia.com/StarMFFileUploadService/StarM
FFileUploadService.svc/UploadFile", "POST", stream.ToArray());

        string Result = client.Encoding.GetString(data1);

        Response1 response1 = new
JavaScriptSerializer().Deserialize<Response1>(Result);

        LblResponse.Text = response1.ResponseString;
    }
}
catch (Exception ex)
{
    throw ex;
}
}

```