Boyum IT A/S Developer Code Challenge

Requirements

- Code should be written in C#

The task

You are given the following test XML File (Copy attached):

```xml
<?xml version="1.0" encoding="utf-8"?>
<WebOrder id="42">
  <Customer>John Smith</Customer>
  <Date>20160327</Date>
  <Items>
    <Item id="B1234" description="SAP Business One">
      <Quantity>4</Quantity>
      <Price>133.33</Price>
    </Item>
    <Item id="A5678" description="Microsoft Office 2016">
      <Quantity>2</Quantity>
      <Price>1143.00</Price>
    </Item>
    <Item id="A2222" description="MSSQL Server 2014">
      <Quantity>2</Quantity>
      <Price>110.30</Price>
    </Item>
  </Items>
</WebOrder>
```
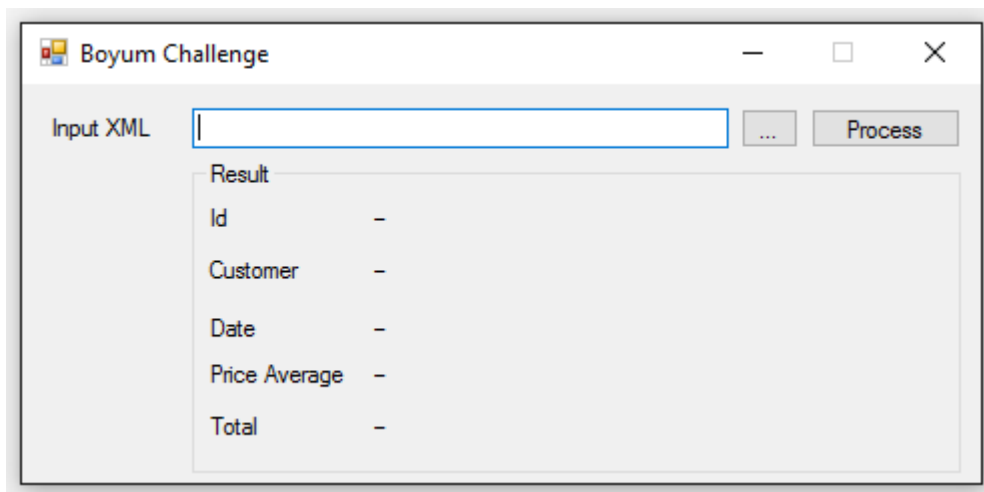
Structure Details

- Date-format = yyyyMMdd
- Quantity is a whole number (integer)
- Price is a decimal number (2 decimal digits, no group indicators)

Please create a small application where you can choose the input XML file and show the data of the XML file.
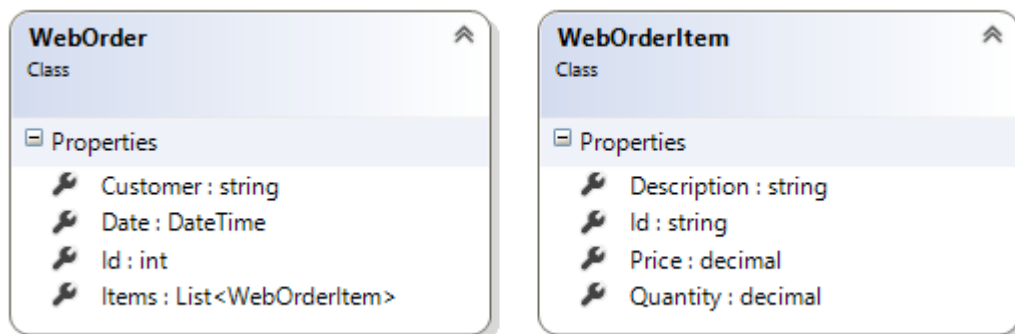
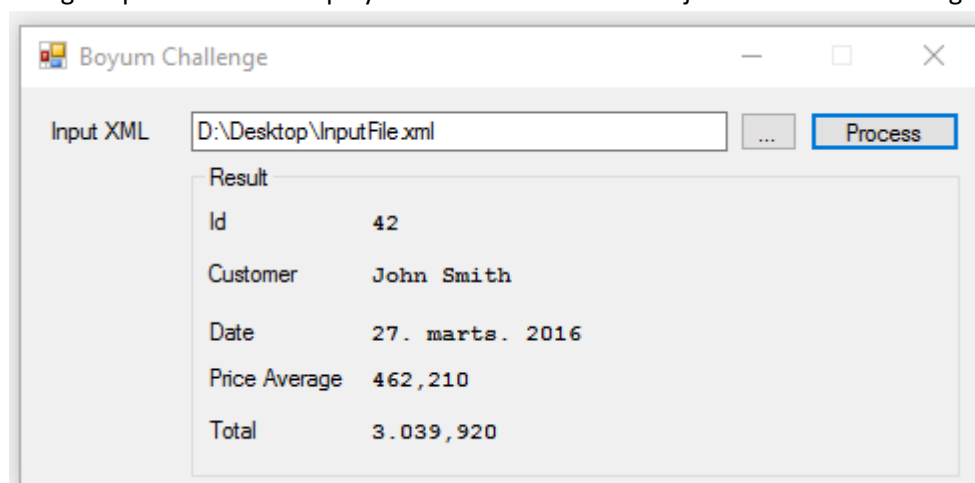The application must be written using ASP.NET MVC.

Mockup:

When pressing the Process button, the following should happen:

- Content of XML File should be converted into an object representation (Below is inspiration)

- The following output should be displayed based on the above objects with the following rules:

  - o
  - o Date should be in format = dd. MMMM. yyyy
  - o A total (based on the items quantity and price) should be calculated.
  - o An average unit price should be calculated

       o   The two above number should be saved with . <dot> as thousands separator and , <comma> as decimal separator and there should be 3 decimal digits.

Practical stuff

- Other than the above there are no requirements to code-style, tests, comments etc. but do as you see fit.
- Once you are done, please send the created source code, along with a short summary (no longer than 1 A4 page) on how you approached the assignment