XSD - filen

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified">
        <xs:complexType name="BuildingType">
                <xs:sequence>
                        <xs:element ref="BuildingId"/>
                        <xs:element name="Storey" type="StoreyType"
maxOccurs="2"/>
                </xs:sequence>
        </xs:complexType>
        <xs:element name="BuildingId" type="xs:string"/>
        <xs:element name="Project">
                <xs:complexType>
                        <xs:sequence>
                                <xs:element ref="ProjectName"/>
                                <xs:element name="Site"
type="SiteType"/>
                        </xs:sequence>
                </xs:complexType>
        </xs:element>
        <xs:element name="ProjectName" type="xs:string"/>
        <xs:complexType name="SiteType">
                <xs:sequence>
                        <xs:element ref="SiteName"/>
                        <xs:element name="Building" type="BuildingType"
maxOccurs="unbounded"/>
                </xs:sequence>
        </xs:complexType>
        <xs:element name="SiteName" type="xs:string"/>
        <xs:complexType name="SpaceType">
                <xs:sequence>
                        <xs:element ref="usage"/>
                </xs:sequence>
                <xs:attribute name="SpaceType" use="required">
                        <xs:simpleType>
                                <xs:restriction base="xs:string">
                                        <xs:enumeration
value="entrance"/>
                                        <xs:enumeration
value="hygien"/>
                                        <xs:enumeration
value="kitchen"/>
                                        <xs:enumeration
value="room"/>
                                </xs:restriction>
                        </xs:simpleType>
                </xs:attribute>
                <xs:attribute name="SpaceFloorArea" use="required">
                        <xs:simpleType>
                                <xs:restriction base="xs:integer"/>
                        </xs:simpleType>
                </xs:attribute>
        </xs:complexType>
```

```
            <xs:complexType name="StoreyType">
                    <xs:sequence>
                                <xs:element ref="StoreyLevel" maxOccurs="2"/>
                                <xs:element name="Space" type="SpaceType"
maxOccurs="unbounded"/>
                    </xs:sequence>
            </xs:complexType>
            <xs:element name="StoreyLevel" type="xs:string"/>
            <xs:element name="usage" type="xs:string"/>
</xs:schema>
```

Udsnit af XML -filen

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="ex_e.xslt"?>

<Project>
        <ProjectName>Semester 7, 2001</ProjectName>
        <Site>
                <SiteName>Harbour dwelling area, Aalborg</SiteName>
                <Building>
                            <BuildingId>Building 1</BuildingId>
        <Storey>
                                            <StoreyLevel>level 4</StoreyLevel>
                                            <Space SpaceType="room"
SpaceFloorArea="12">
                                                    <usage>living room</usage>
                                            </Space>
                                            <Space SpaceType="kitchen"
SpaceFloorArea="250">
                                                    <usage>open kitchen</usage>
                                            </Space>


        </Storey>
```

Skærmbillede efter ændringer i xslt- filen.

Ændret farver o.l.