```xml
<!--Bugs Framework (BF) Version="1.0" - Irena Bojanova, NIST-->
<BF Name="BF" Title="Bugs Framework">
    <Category Name="Weakness" Definition="A security weakness is a (bug, operation, error), (fau
        <ClassType Name="_INP" Title="Input/Output Check" Definition="Input/Output Check (_INP)
            <Class Name="DVL" Title="Data Validation" Definition="Data Validation (DVL) class -
                <Operations>
                    <Operation Name="Validate" Definition="Validate operation - Check data synta
                    <Operation Name="Sanitize" Definition="Sanitize operation - Modify data (e.g
                    <AttributeType Name="Mechanism" Definition="Mechanism operation attribute ty
                        <Attribute Name="Safelist" Definition="Safelist operation attribute - Th
                        <Attribute Name="Denylist" Definition="Denylist operation attribute - Th
                        <Attribute Name="Format" Definition="Format operation attribute - The op
                        <Attribute Name="Length" Definition="Length operation attribute - The op
                    </AttributeType>
                    <AttributeType Name="Source Code" Definition="Source Code ope">...</Attribut
                    <AttributeType Name="Execution Space" Definition="Execution Space">...</Attr
                </Operations>
                <Operands>...</Operands>
                <Causes>
                    <BugType Name="Code" Definition="Code Bug type - Defect in the implementatio
                        <Bug Name="Missing Code" Definition="Missing Code bug - The operation is
                        <Bug Name="Erroneous Code" Definition="Erroneous Code bug - There is a c
                    </BugType>
                    <BugType Name="Specification" Definition="Specification B">...</BugType>
                    <FaultType Name="Data" Definition="Data Fault/Erro">...</FaultType>
                </Causes>
                <Consequences>...</Consequences>
                <Sites>...</Sites>
            </Class>
            <Class Name="DVR" Title="Data Verificati" Definition="Data Verificati">...</Class>
        </ClassType>
        <ClassType Name="_MEM" Title="Memory Corruption/Disclosure" Definition="Memory Corruptio
            <Class Name="MAD" Title="Memory Addressi" Definition="Memory Addressi">...</Class>
            <Class Name="MMN" Title="Memory Manageme" Definition="Memory Manageme">...</Class>
            <Class Name="MUS" Title="Memory Use" Definition="Memory Use (MUS">...</Class>
        </ClassType>
        <ClassType Name="_DAT" Title="Data Type" Definition="Data Type (_DAT) class type - Weakn
            <Class Name="DCL" Title="Declaration" Definition="Declaration (DC">...</Class>
            <Class Name="NRS" Title="Name Resolution" Definition="Name Resolution">...</Class>
            <Class Name="TCV" Title="Type Conversion" Definition="Type Conversion">...</Class>
            <Class Name="TCM" Title="Type Computatio" Definition="Type Computatio">...</Class>
        </ClassType>
        ...
    </Category>
    <Category Name="Failure" Definition="A security failure is a violation of a system security
        <ClassType Name="_FLR" Title="Security Failure" Definition="Failure (_FLR) class type -
            <Class Name="IEX" Title="Information Exp" Definition="Information Exp">...</Class>
            <Class Name="ACE" Title="Arbitrary Code " Definition="Arbitrary Code ">...</Class>
            <Class Name="DOS" Title="Denial of Servi" Definition="Denial of Servi">...</Class>
            <Class Name="TPR" Title="Data Tampering" Definition="Data Tampering ">...</Class>
            ...
        </ClassType>
    </Category>
</BF>
```