

OpenGAImodel.xml

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<?xml version="1.0" encoding="UTF-8"?>
<fuzzySystem xmlns="http://www.ieee1855.org" name="GAI" networkAddress="127.0.0.1">
  <knowledgeBase networkAddress="127.0.0.1">
    <fuzzyVariable name="Distance" domainleft="0.0" domainright="255.0" type="input" accumulative="true">
      <fuzzyTerm name="near" complement="false">
        <trapezoidShape param1="0" param2="0" param3="40" param4="70"/>
      </fuzzyTerm>
      <fuzzyTerm name="medium" complement="false">
        <trapezoidShape param1="40" param2="70" param3="150" param4="180"/>
      </fuzzyTerm>
      <fuzzyTerm name="far" complement="false">
        <trapezoidShape param1="150" param2="180" param3="255" param4="255"/>
      </fuzzyTerm>
    </fuzzyVariable>
    <fuzzyVariable name="Light" domainleft="0.0" domainright="4000" type="input" accumulative="true">
      <fuzzyTerm name="dark" complement="false">
        <trapezoidShape param1="0" param2="0" param3="1100" param4="1200"/>
      </fuzzyTerm>
      <fuzzyTerm name="medium" complement="false">
        <trapezoidShape param1="1100" param2="1200" param3="2000" param4="2100"/>
      </fuzzyTerm>
      <fuzzyTerm name="bright" complement="false">
        <trapezoidShape param1="2000" param2="2100" param3="4000" param4="4000"/>
      </fuzzyTerm>
    </fuzzyVariable>
    <fuzzyVariable name="HEGAIText" domainleft="0.0" domainright="10" type="input" accumulative="true">
      <fuzzyTerm name="low" complement="false">
        <trapezoidShape param1="0" param2="0" param3="5" param4="6"/>
      </fuzzyTerm>
      <fuzzyTerm name="medium" complement="false">
        <trapezoidShape param1="5" param2="6" param3="7" param4="8"/>
      </fuzzyTerm>
      <fuzzyTerm name="high" complement="false">
        <trapezoidShape param1="7" param2="8" param3="10" param4="10"/>
      </fuzzyTerm>
    </fuzzyVariable>
    <fuzzyVariable name="HEGAIImage" domainleft="0.0" domainright="10" type="input" accumulative="true">
      <fuzzyTerm name="low" complement="false">
        <trapezoidShape param1="0" param2="0" param3="5" param4="6"/>
      </fuzzyTerm>
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    <fuzzyTerm name="medium" complement="false">
        <trapezoidShape param1="5" param2="6" param3="7" param4="8"/>
    </fuzzyTerm>
    <fuzzyTerm name="high" complement="false">
        <trapezoidShape param1="7" param2="8" param3="10" param4="10"/>
    </fuzzyTerm>
</fuzzyVariable>
<fuzzyVariable name="GAIFit" domainleft="0.0" domainright="10" type="output" accumulative="true">
    <fuzzyTerm name="poor" complement="false">
        <trapezoidShape param1="0" param2="0" param3="5" param4="6"/>
    </fuzzyTerm>
    <fuzzyTerm name="medium" complement="false">
        <trapezoidShape param1="5" param2="6" param3="7" param4="8"/>
    </fuzzyTerm>
    <fuzzyTerm name="good" complement="false">
        <trapezoidShape param1="7" param2="8" param3="10" param4="10"/>
    </fuzzyTerm>
</fuzzyVariable>
</knowledgeBase>
<mamdaniRuleBase name="RuleBase1" activationMethod="MIN" andMethod="MIN" orMethod="MAX" networkType="Mamdani">
    <rule name="RULE-1" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networkType="Mamdani">
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>near</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>

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        <term>poor</term>
    </clause>
</then>
</consequent>
</rule>
<rule name="RULE-2" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-3" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>

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    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-4" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>

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        </then>
    </consequent>
</rule>
<rule name="RULE-5" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-6" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>

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        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-7" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>

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</rule>
<rule name="RULE-8" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>near</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>high</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>medium</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-9" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network/
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>near</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>

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        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-10" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-11" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=

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<antecedent>
  <clause>
    <variable>Distance</variable>
    <term>near</term>
  </clause>
  <clause>
    <variable>Light</variable>
    <term>medium</term>
  </clause>
  <clause>
    <variable>HEGAIText</variable>
    <term>low</term>
  </clause>
  <clause>
    <variable>HEGAIImage</variable>
    <term>medium</term>
  </clause>
</antecedent>
<consequent>
  <then>
    <clause>
      <variable>GAIFit</variable>
      <term>poor</term>
    </clause>
  </then>
</consequent>
</rule>
<rule name="RULE-12" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network>
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>near</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>

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        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-13" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-14" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>

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        <variable>Distance</variable>
        <term>near</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-15" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>

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    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-16" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-17" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>

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    </clause>
    <clause>
        <variable>Light</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>high</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-18" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>

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        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-19" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-20" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>

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        <variable>Light</variable>
        <term>bright</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-21" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>

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        <variable>GAIFit</variable>
        <term>medium</term>
    </clause>
</then>
</consequent>
</rule>
<rule name="RULE-22" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-23" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>

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        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-24" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>

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        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-25" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-26" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>

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        <variable>HEGAIText</variable>
        <term>high</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-27" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>

```

```

    </consequent>
</rule>
<rule name="RULE-28" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>low</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>poor</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-29" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>poor</term>
      </clause>
    </then>
  </consequent>
</rule>

```

```

        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-30" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>

```

```

<rule name="RULE-31" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>low</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>poor</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-32" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>medium</term>
    </clause>
    <clause>

```

```

        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-33" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-34" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>

```

```

    <clause>
        <variable>Distance</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>dark</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>high</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-35" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>

```



```

        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-36" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-37" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>

```

```

        <term>medium</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-38" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>

```

```

    <consequent>
      <then>
        <clause>
          <variable>GAIFit</variable>
          <term>poor</term>
        </clause>
      </then>
    </consequent>
  </rule>
<rule name="RULE-39" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-40" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>

```

```

    <clause>
        <variable>Light</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-41" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>

```

```

        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-42" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-43" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>

```

```

        <term>medium</term>
    </clause>
</clause>
<clause>
    <variable>HEGAIText</variable>
    <term>high</term>
</clause>
<clause>
    <variable>HEGAIImage</variable>
    <term>low</term>
</clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-44" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>

```

```

        <term>medium</term>
    </clause>
</then>
</consequent>
</rule>
<rule name="RULE-45" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-46" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>

```

```

    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-47" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>

```



```

        </then>
    </consequent>
</rule>
<rule name="RULE-48" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-49" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>

```

```

        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-50" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>

```

```

</rule>
<rule name="RULE-51" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>good</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-52" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>good</term>
      </clause>
    </then>
  </consequent>
</rule>

```

```

        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-53" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-54" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=

```

```

<antecedent>
  <clause>
    <variable>Distance</variable>
    <term>medium</term>
  </clause>
  <clause>
    <variable>Light</variable>
    <term>bright</term>
  </clause>
  <clause>
    <variable>HEGAIText</variable>
    <term>high</term>
  </clause>
  <clause>
    <variable>HEGAIImage</variable>
    <term>high</term>
  </clause>
</antecedent>
<consequent>
  <then>
    <clause>
      <variable>GAIFit</variable>
      <term>good</term>
    </clause>
  </then>
</consequent>
</rule>
<rule name="RULE-55" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network>
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>dark</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>

```

```

        <term>low</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-56" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-57" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>

```

```

        <variable>Distance</variable>
        <term>far</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>dark</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-58" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>

```

```

    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-59" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-60" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>

```



```

    </clause>
    <clause>
        <variable>Light</variable>
        <term>dark</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-61" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>

```

```

        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-62" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-63" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>

```

```

        <variable>Light</variable>
        <term>dark</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>high</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>good</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-64" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>

```

```

        <variable>GAIFit</variable>
        <term>poor</term>
    </clause>
</then>
</consequent>
</rule>
<rule name="RULE-65" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-66" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>

```

```

    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-67" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>

```

```

        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-68" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-69" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>

```

```

        <variable>HEGAIText</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>good</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-70" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>

```

```

    </consequent>
</rule>
<rule name="RULE-71" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>high</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>medium</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-72" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>

```



```

        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-73" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>

```

```

<rule name="RULE-74" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>medium</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-75" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>low</term>
    </clause>
    <clause>

```

```

        <variable>HEGAIImage</variable>
        <term>high</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>medium</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-76" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-77" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>

```

```

    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>medium</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>
<rule name="RULE-78" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
  <antecedent>
    <clause>
      <variable>Distance</variable>
      <term>far</term>
    </clause>
    <clause>
      <variable>Light</variable>
      <term>bright</term>
    </clause>
    <clause>
      <variable>HEGAIText</variable>
      <term>medium</term>
    </clause>
    <clause>
      <variable>HEGAIImage</variable>
      <term>high</term>
    </clause>
  </antecedent>
  <consequent>
    <then>
      <clause>
        <variable>GAIFit</variable>
        <term>medium</term>
      </clause>
    </then>
  </consequent>
</rule>

```

```

        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-79" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-80" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>

```

```

        <term>far</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>bright</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>high</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>good</term>
        </clause>
    </then>
</consequent>
</rule>
<rule name="RULE-81" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network=
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>

```

```
<consequent>
  <then>
    <clause>
      <variable>GAIFit</variable>
      <term>good</term>
    </clause>
  </then>
</consequent>
</rule>
</mamdaniRuleBase>
</fuzzySystem>
```