**LEXICON**

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<term lexema=*"lower than"* terminalSymbol=*"COMP"*/>

<term lexema=*"equal to"* terminalSymbol=*"COMP"*/>

<term lexema=*"greater than"* terminalSymbol=*"COMP"*/>

<term lexema=*"when"* terminalSymbol=*"CONJ"*/>

<term lexema=*"the"* terminalSymbol=*"DETER"*/>

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<term lexema=*"counter"* terminalSymbol=*"NSING"*/>

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<term lexema=*"to"* terminalSymbol=*"PREP"*/>

<term lexema=*"on"* terminalSymbol=*"PREP"*/>

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<term lexema=*"assign"* terminalSymbol=*"VBASE"*/>

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</lexicon>

**GRAMMAR**

Requirement -> ConditionalClause COMMA ActionClause;

ConditionalClause -> CONJ AndCondition;

AndCondition -> AndCondition COMMA AND OrCondition | OrCondition;

OrCondition -> OrCondition OR Condition | Condition;

Condition -> NounPhrase VerbPhraseCondition;

ActionClause -> NounPhrase VerbPhraseAction;

VerbPhraseAction -> SHALL (VerbAction VerbComplement

| COLON VerbAction VerbComplement

(COMMA VerbAction VerbComplement)+

);

VerbAction -> VBASE;

VerbPhraseCondition -> VerbCondition NOT? ComparativeTerm? VerbComplement;

VerbCondition -> (VTOBE\_PRE3 | VPRE3RD | VTOBE\_PRE | VTOBE\_PAST3);

ComparativeTerm -> (COMP (OR NOT? COMP)?);

VerbComplement -> VariableState? PrepositionalPhrase\*;

VariableState -> (NounPhrase | ADV | ADJ | NUMBER);

PrepositionalPhrase -> PREP VariableState;

NounPhrase -> DETER? ADJ\* Noun+;

Noun -> NSING | NPLUR;