NON-TERMINALS

\<form\> ::= "form" \<identifier\> "{" \<meta_block_opt\> \<sections\> \<validate_opt\> "}"

\<meta_block_opt\> ::= ε | \<meta_block\>

\<meta_block\> ::= \<meta_entry\> | \<meta_block\> \<meta_entry\>

\<meta_entry\> ::= "meta" \<identifier\> "=" \<string\> ";"

\<sections\> ::= \<section\> | \<sections\> \<section\>

\<section\> ::= "section" \<identifier\> "{" \<field_list\> "}"

\<field_list\> ::= \<field\> | \<field_list\> \<field\>

\<field\> ::= "field" \<identifier\> ":" \<field_type\> \<attributes_opt\> ";"

\<field_type\> ::= "text" | "textarea" | "number" | "email" | "date" |

"password" | "file" | "checkbox" | "dropdown" | "radio"

\<attributes_opt\> ::= ε | \<attributes\>

\<attributes\> ::= \<attribute\> | \<attributes\> \<attribute\>

\<attribute\> ::= "required"

| "default" "=" \<attr_value\>

| "min" "=" \<attr_value\>

| "max" "=" \<attr_value\>

| "pattern" "=" <string>

| "accept" "=" <string>

| "rows" "=" <number>

| "cols" "=" <number>

| "options" "=" "[" <option_list> "]"

<attr_value> ::= <string> | <bool> | <number>

<option_list> ::= <string> | <option_list> "," <string>

<validate_opt> ::= ε | "validate" "{" <validations> "}"

<validations> ::= <validation> | <validations> <validation>

<validation> ::= "if" <identifier> "<" <number> "{" "error" <string> ";" "}"

TERMINALS

<identifier> ::= letter (letter | digit | "_")*

<string> ::= "\"" ("\\" . | ~["\\"])* "\""

<bool> ::= "true" | "false"

<number> ::= <digit> { <digit> }

<digit> ::= "0" | "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"

<letter> ::= "a" | "b" | ... | "z" | "A" | "B" | ... | "Z" | "_"