Analysis Classes:

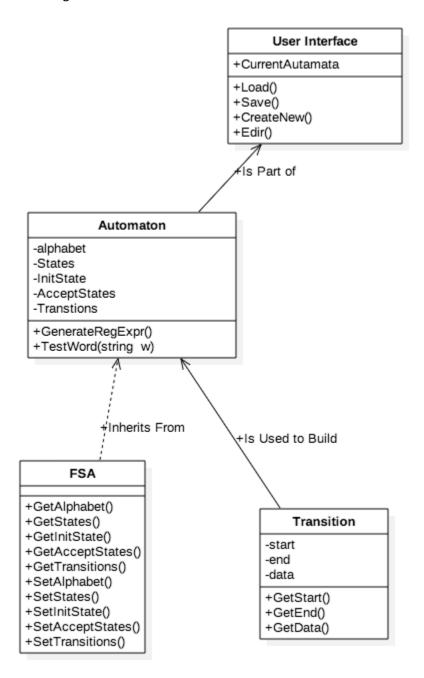| Potential classes	Classification
Automaton: Entity class	thing, superclass
FSA: Entity class	thing, inherited class
Transition: Entity class	attribute of Automaton
User interface: Boundary class	thing

Analysis Packages:

Automata Tool

Class Diagram:

User Interface

+CurrentAutamata

+Load()
+Save()
+CreateNew()
+Edir()

+Is Part of

Automaton

-alphabet
-States
-InitState
-AcceptStates
-Transtions

+GenerateRegExpr()
+TestWord(string w)

+Inherits From

+Is Used to Build

FSA

+GetAlphabet()
+GetStates()
+GetInitState()
+GetAcceptStates()
+GetTransitions()
+SetAlphabet()
+SetStates()
+SetInitState()
+SetAcceptStates()
+SetTransitions()

Transition

-start
-end
-data

+GetStart()
+GetEnd()
+GetData()

Package Diagram: