Passive voice and Conditional modal Detector

Summary of Detected Issues

Type of Bad Smell	Frequency
Passive Voice	325
Conditional Modal	19

Samples

File: 2001 - hats.pdf | **Page:** 6
Sentence: Purpose and Intended Audience The purpose of the Software Requirements Specification (SRS) is to clearly and precisely describe the requirements of the software system being developed, hereafter referred to as the HATS-GUI.
Issue: Passive Voice
Active Voice: Purpose and Intended Audience The purpose of the Software Requirements Specification (SRS) is to clearly and Someone is referring something the requirements of the software system being developed to as the HATS - GUI.

File: 2001 - hats.pdf | **Page:** 6
Sentence: The SRS is an agreement on requirements between these parties regarding the software to be developed.
Issue: Passive Voice
Active Voice: The SRS is an agreement on requirements between these parties regarding the software to be developed. .

File: 2001 - hats.pdf | **Page:** 6
Sentence: The intent of HATS is to develop software via high assurance transformations that have been proven to preserve the semantics of the transformed programs.
Issue: Passive Voice
Active Voice: The intent of HATS is to develop software via high assurance transformations that have been proven to preserve the semantics of the transformed programs.

File: 2001 - hats.pdf | **Page:** 6
Sentence: A prototype of this system has been developed, but is inadequate due to its lack of portability and its inability to display outputs adequately.
Issue: Passive Voice
Active Voice: Someone has develop a prototype of this system of this system inadequate due to its lack of portability and its inability to display outputs adequately ..

File: 2001 - hats.pdf | **Page:** 7
Sentence: For example, a file may be mapped to the file used to generate this file or a file (or program) used to edit the file.
Issue: Passive Voice
Active Voice: Someone may map a file For example to the file used to generate this file or a file (or program) used to edit the file.

File: 2001 - hats.pdf | **Page:** 7
Sentence: The domain is defined by the files in the core (see core).
Issue: Passive Voice

Active Voice: The files in the core define the domain in the core core.

File: 2001 - hats.pdf | **Page:** 7
Sentence: External editor Any editor available on the host OS that can be started as a separate process by the HATS-GUI.
Issue: Passive Voice
Active Voice: External editor Any editor available on the host OS that can be started as a separate process by the HATS-GUI. .

File: 2001 - hats.pdf | **Page:** 7
Sentence: Grammar file A file representing a set of rules that define the language of the domain over which transformations are defined.
Issue: Passive Voice
Active Voice: Grammar file A file representing a set of rules that define the language of the domain over which transformations are defined. .

File: 2001 - hats.pdf | **Page:** 8
Sentence: This cursor may be moved by using keystrokes such as the arrow keys, the tab key, or the enter key.
Issue: Passive Voice
Active Voice: Using keystrokes such as the arrow keys , the tab key , or the enter key may move this cursor keystrokes such as the arrow keys , the tab key , or the enter key.

File: 2001 - hats.pdf | **Page:** 8
Sentence: The number of edges that must be traversed in order to reach a node in a tree starting from the root.
Issue: Passive Voice
Active Voice: The number of edges that must be traversed in order to reach a node in a tree starting from the root. .

File: 2001 - hats.pdf | **Page:** 8
Sentence: The number of edges that must be traversed in order to reach a node in a tree starting from the root.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 8
Sentence: Lexical specification A file defining the tokens to be recognized by a transformation language.
Issue: Passive Voice
Active Voice: Lexical specification A file defining the tokens to be recognized by a transformation language. .

File: 2001 - hats.pdf | **Page:** 8
Sentence: This cursor may be moved by moving the pointing device.
Issue: Passive Voice
Active Voice: Someone may move this cursor the pointing device.

File: 2001 - hats.pdf | **Page:** 8
Sentence: Nodes in SDTs should not be confused with displayed nodes.
Issue: Passive Voice
Active Voice: Someone not should confuse nodes in SDTs in SDTs with displayed nodes.

File: 2001 - hats.pdf | **Page:** 8
Sentence: Nodes in SDTs should not be confused with displayed nodes.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 8

Sentence: A parsed transformation language program is said to be parsed.
Issue: Passive Voice
Active Voice: Someone says a parsed transformation language program.

File: 2001 - hats.pdf | **Page:** 8
Sentence: Formatting is done according to the pretty-print style.
Issue: Passive Voice
Active Voice: Someone dos Formatting according to the pretty - print style.

File: 2001 - hats.pdf | **Page:** 9
Sentence: It is assumed that the Host OS keeps the time stamp for each file.
Issue: Passive Voice
Active Voice: Someone assumes it the time stamp for each file.

File: 2001 - hats.pdf | **Page:** 9
Sentence: Tokens are described by the lexical specification.
Issue: Passive Voice
Active Voice: The lexical specification describe Tokens.

File: 2001 - hats.pdf | **Page:** 9
Sentence: The descendant nodes of a node are found by computing the transitive closure of the child relationship.
Issue: Passive Voice
Active Voice: Computing the transitive closure of the child relationship find the descendant nodes of a node of a node the transitive closure of the child relationship.

File: 2001 - hats.pdf | **Page:** 10
Sentence: Overview The SRS is divided into four major sections: Introduction, General Description, Specific Requirements, and Appendices.
Issue: Passive Voice
Active Voice: Someone divides overview The SRS The SRS into four major sections and Someone appendiced something.

File: 2001 - hats.pdf | **Page:** 10
Sentence: Use-cases are used to define the user characteristics; a description of the actors, use-cases, and scenarios are included in this section; (3) General Constraints of the system; and (4) Assumptions and Dependencies of the system.
Issue: Passive Voice
Active Voice: Someone uses use - cases a description of the actors , use - cases , the user characteristics of the actors , and Someone includes scenarios in this section of the system and (4) Assumptions and Dependencies of the system . .

File: 2001 - hats.pdf | **Page:** 12
Sentence: General Description HATS was developed to explore transformation-based software development.
Issue: Passive Voice
Active Voice: Someone developped general Description HATS transformation - based software development.

File: 2001 - hats.pdf | **Page:** 12
Sentence: The HATS-GUI is intended to provide HATS users with an intuitive graphical interface to the HATS system.
Issue: Passive Voice
Active Voice: Someone intends the HATS - GUI HATS users with an intuitive graphical interface to the HATS system.

File: 2001 - hats.pdf | **Page:** 12

Sentence: HATS is publicly available, and the HATS-GUI will be delivered with HATS.
Issue: Passive Voice
Active Voice: HATS is publicly available , and Someone will deliver the HATS - GUI with HATS.

File: 2001 - hats.pdf | **Page:** 12
Sentence: An overview of the HATS architecture is given in Figure 1 below.
Issue: Passive Voice
Active Voice: Someone gives an overview of the HATS architecture of the HATS architecture in Figure 1.

File: 2001 - hats.pdf | **Page:** 12
Sentence: It is written in the language ML, which has been ported to most common computer platforms.
Issue: Passive Voice
Active Voice: Someone has write which in the language ML , which has been ported to most common computer platforms.

File: 2001 - hats.pdf | **Page:** 12
Sentence: HATS services are invoked by executing ML programs.
Issue: Passive Voice
Active Voice: Executing ML programs invoke hats services ML programs.

File: 2001 - hats.pdf | **Page:** 12
Sentence: The collection of programs is referred to in this document at HATS-SML and is described in Appendix D.1 HATS-SML executes transformation language programs written in a particular problem domain.
Issue: Passive Voice
Active Voice: Someone refers the collection of programs of programs to in this document at HATS - SML and Someone describes appendix D.1 HATS - SML in transformation language programs written in a particular problem domain.

File: 2001 - hats.pdf | **Page:** 12
Sentence: It consists of three elements, each of which is stored in a separate file: a description of tokens in a language, a description of a context-free grammar for a language, and a library of user-defined functions that evaluate some of the function symbols in the language.
Issue: Passive Voice
Active Voice: Someone consists each of which of three elements , each of which is stored in a separate file : a description of tokens in a language , a description of a context - free grammar for a language and a library of user - defined functions that evaluate some of the function symbols in the language . .

File: 2001 - hats.pdf | **Page:** 12
Sentence: These rules are applied to a target program.
Issue: Passive Voice
Active Voice: Someone applies these rules to a target program.

File: 2001 - hats.pdf | **Page:** 12
Sentence: The pretty-printed text string is generated by applying pretty-print rules to an SDT.
Issue: Passive Voice
Active Voice: Someone generates the pretty - printed text string pretty - print rules to an SDT.

File: 2001 - hats.pdf | **Page:** 12
Sentence: The pretty-print rules are contained in a pretty-print style file.
Issue: Passive Voice
Active Voice: Someone contains the pretty - print rules in a pretty - print style file.

File: 2001 - hats.pdf | **Page:** 12

Sentence: A summary of the files, file extensions, and names is given in Table 3. 1
Issue: Passive Voice
Active Voice: A summary of the files , file extensions , and Someone gives names in Table 3 1.

File: 2001 - hats.pdf | **Page:** 13
Sentence: This is part of the core, and exactly one is required for each problem domain.
Issue: Passive Voice
Active Voice: This is part of the core , and Someone requires exactly one exactly for each problem domain.

File: 2001 - hats.pdf | **Page:** 13
Sentence: This is part of the core, and exactly one is required for each problem domain.
Issue: Passive Voice
Active Voice: This is part of the core , and Someone requires exactly one exactly for each problem domain.

File: 2001 - hats.pdf | **Page:** 13
Sentence: These functions are evaluated semantically, not just syntactically.
Issue: Passive Voice
Active Voice: Someone not evaluates these functions just.

File: 2001 - hats.pdf | **Page:** 13
Sentence: This is part of the core, and exactly one file is required for each problem domain.
Issue: Passive Voice
Active Voice: This is part of the core , and Someone requires exactly one file exactly for each problem domain.

File: 2001 - hats.pdf | **Page:** 13
Sentence: Target file .tgt Input program to be transformed.
Issue: Passive Voice
Active Voice: Target file .tgt Input program to be transformed.

File: 2001 - hats.pdf | **Page:** 13
Sentence: Sequence of transformations to be applied to a target file.
Issue: Passive Voice
Active Voice: Sequence of transformations to be applied to a target file.

File: 2001 - hats.pdf | **Page:** 13
Sentence: A file containing a sequence of HATS-SML programs to be executed in order with minimal user intervention.
Issue: Passive Voice
Active Voice: A file containing a sequence of HATS-SML programs to be executed in order with minimal user intervention. .

File: 2001 - hats.pdf | **Page:** 14
Sentence: The flow of data between these functions is illustrated in the Data Flow Diagrams (DFD) given in Appendix B.
Issue: Passive Voice
Active Voice: Someone illustrates the flow of data between these functions of data between these functions in the Data Flow Diagrams (DFD) given in Appendix B.

File: 2001 - hats.pdf | **Page:** 14
Sentence: The transition of states that the system will be in is illustrated in the State Transition Diagram given in Appendix C. 2.1.1.
Issue: Passive Voice
Active Voice: Someone will illustrate the transition of states that the system will be in of states in in the State Transition Diagram given in Appendix C. 2.1.1.

File: 2001 - hats.pdf | **Page:** 14
Sentence: As a practical matter, all files related to an application shall be stored in the same directory or folder.
Issue: Passive Voice
Active Voice: Someone shall store all files related to an application As a practical matter to an application in the same directory or folder.

File: 2001 - hats.pdf | **Page:** 14
Sentence: For example, target files will be associated with the most recently used pretty-print style files.
Issue: Passive Voice
Active Voice: Someone will associate target files For example with the most recently used pretty - print style files.

File: 2001 - hats.pdf | **Page:** 14
Sentence: In order to expedite execution of transformations, parsed versions of files can be saved.
Issue: Passive Voice
Active Voice: Someone can parse versions of files In order to expedite execution of transformations of files.

File: 2001 - hats.pdf | **Page:** 14
Sentence: Two types of files must be parsed.
Issue: Passive Voice
Active Voice: Someone must parse two types of files of files.

File: 2001 - hats.pdf | **Page:** 14
Sentence: Two types of files must be parsed.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 14
Sentence: A transformation language program is a text file describing a set of transformations to be applied to a target file.
Issue: Passive Voice
Active Voice: A transformation language program is a text file describing a set of transformations to be applied to a target file.

File: 2001 - hats.pdf | **Page:** 14
Sentence: A target program is a text file containing the input string to be transformed.
Issue: Passive Voice
Active Voice: A target program is a text file containing the input string to be transformed.

File: 2001 - hats.pdf | **Page:** 14
Sentence: Parsing is done through the use of a parser program, which HATS-SML generates.
Issue: Passive Voice
Active Voice: Someone dos Parsing through the use of a parser program , which HATS - SML generates.

File: 2001 - hats.pdf | **Page:** 14
Sentence: In order for HATS-SML to execute a transformation program, the program must be parsed and saved as an SDT.
Issue: Passive Voice
Active Voice: Someone must parse the program In order for a transformation program and Someone saved something as an SDT.

File: 2001 - hats.pdf | **Page:** 14

Sentence: In order for HATS-SML to execute a transformation program, the program must be parsed and saved as an SDT.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 14
Sentence: The transformation language program specifies which target programs will be transformed.
Issue: Passive Voice
Active Voice: The transformation language program specifies which target programs will be transformed.

File: 2001 - hats.pdf | **Page:** 14
Sentence: Input file names are embedded in the transformation language program.
Issue: Passive Voice
Active Voice: Someone embeds input file names in the transformation language program.

File: 2001 - hats.pdf | **Page:** 14
Sentence: There are several types of output that can be received from HATS-SML.
Issue: Passive Voice
Active Voice: Someone can be that several types of output that can be received from HATS - SML.

File: 2001 - hats.pdf | **Page:** 14
Sentence: During a given session, data sets may be created, saved as files, used as inputs, or deleted.
Issue: Passive Voice
Active Voice: Someone may create data sets During a given session as files , used as inputs.

File: 2001 - hats.pdf | **Page:** 14
Sentence: Before applying a transformation to a target file, a user must first prepare the application.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 14
Sentence: These actors and use cases are discussed below.
Issue: Passive Voice
Active Voice: These actors and Someone discusses use cases.

File: 2001 - hats.pdf | **Page:** 15
Sentence: These users are expected to be computer savvy, possessing experience with the operation of editors and software tools, hierarchical file systems, and menu navigation.
Issue: Passive Voice
Active Voice: Someone expects these users computer computer savvy experience with the operation of editors and software tools , hierarchical file systems , and Someone menued something navigation.

File: 2001 - hats.pdf | **Page:** 16
Sentence: The protocol for the use of HATS-SML is detailed in Appendix D. Host OS: This is the operating system under which the HATS-GUI and HATS-SML run.
Issue: Passive Voice
Active Voice: The protocol for the use of HATS - SML is detailed in Appendix D. Host OS : This is the operating system under which the HATS - GUI and Someone ran hats - SML.

File: 2001 - hats.pdf | **Page:** 16
Sentence: The host OS is expected to provide file services and provide a buffer for copy-and-paste operations between applications.
Issue: Passive Voice

Active Voice: Someone expects the host OS file services and Someone provided something a buffer for copy and - paste operations between applications . .

File: 2001 - hats.pdf | **Page:** 16
Sentence: In the descriptions that follow, steps in a scenario are numbered sequentially.
Issue: Passive Voice
Active Voice: Someone numbers steps in a scenario In the descriptions that follow in a scenario.

File: 2001 - hats.pdf | **Page:** 16
Sentence: Alternatives to a particular step are suggested by the flag "ALT " where is an alternative listed below the scenario.
Issue: Passive Voice
Active Voice: The flag " ALT < n > " suggest alternatives to a particular step to a particular step where < n an alternative listed below the scenario.

File: 2001 - hats.pdf | **Page:** 16
Sentence: The step numbers in the alternative indicate what steps in the main scenario are being replaced.
Issue: Passive Voice
Active Voice: Someone is indicating what steps in the main scenario in the alternative in the main scenario.

File: 2001 - hats.pdf | **Page:** 16
Sentence: If more than one alternative is listed, either alternative may be taken.
Issue: Passive Voice
Active Voice: Someone may take either alternative If If more than one alternative is listed.

File: 2001 - hats.pdf | **Page:** 16
Sentence: The file to be parsed and the parser file are inputs to HATS-SML.
Issue: Passive Voice
Active Voice: Someone parse the file and the parser file are inputs to HATS - SML ..

File: 2001 - hats.pdf | **Page:** 16
Sentence: The output is saved in the application.
Issue: Passive Voice
Active Voice: Someone saves the output in the application.

File: 2001 - hats.pdf | **Page:** 16
Sentence: An application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select an application to Use Case 3.

File: 2001 - hats.pdf | **Page:** 16
Sentence: The transformation language program and core domain files have been created (Refer to Use Case 5).
Issue: Passive Voice
Active Voice: The transformation language program and Someone have create core domain files (Refer to Use Case 5) to Use Case 5.

File: 2001 - hats.pdf | **Page:** 16
Sentence: ALT 2: A file is already selected.
Issue: Passive Voice
Active Voice: Someone selects a file.

File: 2001 - hats.pdf | **Page:** 16
Sentence: A2-2A: Step 2 is skipped.
Issue: Passive Voice

Active Voice: Someone skips step 2.

File: 2001 - hats.pdf | **Page:** 17
Sentence: Target and transformation language programs have been prepared.
Issue: Passive Voice
Active Voice: Target and Someone have prepare transformation language programs.

File: 2001 - hats.pdf | **Page:** 17
Sentence: An application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select an application (Refer to Use Case 3).

File: 2001 - hats.pdf | **Page:** 17
Sentence: ALT 1: A transformation language program file has already been selected.
Issue: Passive Voice
Active Voice: Someone has select a transformation language program file.

File: 2001 - hats.pdf | **Page:** 17
Sentence: A1-2A: Step 2 is skipped.
Issue: Passive Voice
Active Voice: Someone skips step 2.

File: 2001 - hats.pdf | **Page:** 18
Sentence: A list of file names in the currently selected application is presented.
Issue: Passive Voice
Active Voice: Someone presents a list of file names in the currently selected application of file names in the currently selected application.

File: 2001 - hats.pdf | **Page:** 18
Sentence: Preconditions: An application has been selected (Refer to Use case 3).
Issue: Passive Voice
Active Voice: Preconditions: An application has been selected (Refer to Use case 3). .

File: 2001 - hats.pdf | **Page:** 19
Sentence: Application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select Application to Use Case 3.

File: 2001 - hats.pdf | **Page:** 19
Sentence: System checks that the changes to currently selected application's configuration have been saved (ALT 2).
Issue: Passive Voice
Active Voice: Someone have check the changes to currently selected application 's configuration to currently selected application 's configuration.

File: 2001 - hats.pdf | **Page:** 19
Sentence: ALT 2: Changes to currently selected application have not been saved.
Issue: Passive Voice
Active Voice: Someone not have save changes to currently selected application to currently selected application.

File: 2001 - hats.pdf | **Page:** 19
Sentence: Application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select Application to Use Case 3.

File: 2001 - hats.pdf | **Page:** 19

Sentence: System informs user that application has been saved.
Issue: Passive Voice
Active Voice: Someone has inform that application user.

File: 2001 - hats.pdf | **Page:** 20
Sentence: A1-3A: System informs that application has not been saved.
Issue: Passive Voice
Active Voice: Someone not has inform application.

File: 2001 - hats.pdf | **Page:** 20
Sentence: Scenario 3: Save Application As Preconditions: Application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select Application As Preconditions to Use Case 3.

File: 2001 - hats.pdf | **Page:** 20
Sentence: User enters or selects a name for the application to be saved (ALT 1).
Issue: Passive Voice
Active Voice: Someone enter the application a name.

File: 2001 - hats.pdf | **Page:** 20
Sentence: System informs user that application has been saved with entered name.
Issue: Passive Voice
Active Voice: Someone has inform that application user that application has been saved with entered name.

File: 2001 - hats.pdf | **Page:** 20
Sentence: A1-4A: System cancels the operation and the application is not saved.
Issue: Passive Voice
Active Voice: Someone cancelled System the operation and Someone not saves the application.

File: 2001 - hats.pdf | **Page:** 20
Sentence: Application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select Application to Use Case 3.

File: 2001 - hats.pdf | **Page:** 20
Sentence: System checks application to determine if editor is associated with this file.
Issue: Passive Voice
Active Voice: System checks application to determine if editor is associated with this file.

File: 2001 - hats.pdf | **Page:** 20
Sentence: An editor is associated with the file if the configuration explicitly associates this file with an editor or an editor is associated with files of this type.
Issue: Passive Voice
Active Voice: Someone associates an editor with the file this file with an editor or an editor with files of this type if if the configuration explicitly associates this file with an editor or an editor.

File: 2001 - hats.pdf | **Page:** 20
Sentence: An editor is associated with this file (ALT 1).
Issue: Passive Voice
Active Voice: Someone associates an editor with this file (ALT 1).

File: 2001 - hats.pdf | **Page:** 20
Sentence: ALT 1: No editor is associated with this file.
Issue: Passive Voice
Active Voice: Someone associates no editor with this file.

File: 2001 - hats.pdf | **Page:** 21
Sentence: Close existing application if one is selected (Refer to Use Case 5 – Scenario 1).
Issue: Passive Voice
Active Voice: Close existing application if one is selected (Refer to Use Case 5 – Scenario 1). .

File: 2001 - hats.pdf | **Page:** 21
Sentence: 7. System informs user that new application has been created. 8.
Issue: Passive Voice
Active Voice: Someone has inform new application user that new application has been created 8.

File: 2001 - hats.pdf | **Page:** 21
Sentence: No application is created.
Issue: Passive Voice
Active Voice: Someone creates no application.

File: 2001 - hats.pdf | **Page:** 21
Sentence: Actors: User, Host OS Preconditions: Application has been selected (Refer to Use Case 3).
Issue: Passive Voice
Active Voice: Someone has select actors : User , Host OS Preconditions : Application Preconditions (Refer to Use Case 3).

File: 2001 - hats.pdf | **Page:** 21
Sentence: Editor configuration information must be sufficient to start the editor on the Host OS.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 21
Sentence: The types of displayed nodes are given in Table 4. 3.
Issue: Passive Voice
Active Voice: Someone gives the types of displayed nodes of displayed nodes in Table 4 3.

File: 2001 - hats.pdf | **Page:** 21
Sentence: No changes in the default colors of are made.
Issue: Passive Voice
Active Voice: Someone makes no changes in the default colors of in the default colors of.

File: 2001 - hats.pdf | **Page:** 22
Sentence: No change to the default color for a particular type of displayed node is made.
Issue: Passive Voice
Active Voice: Someone makes no change to the default color for a particular type of displayed node to the default color for a particular type of displayed node.

File: 2001 - hats.pdf | **Page:** 22
Sentence: The terminal node has no children in the SDT, and the displayed node cannot be expanded.
Issue: Passive Voice
Active Voice: Someone had the terminal node no children in the SDT and Someone not can expand the displayed node.

File: 2001 - hats.pdf | **Page:** 22
Sentence: Non expandable node, hidden parent A non-expandable displayed node D that corresponds to an SDT node N where N has a parent node P, but there is no display node corresponding to P. (Although not technically correct, one can consider this the case where the parent of D is not displayed.)
Issue: Passive Voice

Active Voice: Someone not not can consider the parent of D node D that corresponds to an SDT node N where N has a parent node P no display node no display node corresponding to P. technically of D.

File: 2001 - hats.pdf | **Page:** 22
Sentence: Expandable node, hidden parent An expandable displayed node D that corresponds to an SDT node N where N has a parent node P, but there is no display node corresponding to P. (Although not technically correct, one can consider this the case where the parent of D is not displayed.)
Issue: Passive Voice
Active Voice: Someone not not can display the parent of D node D that corresponds to an SDT node N where N has a parent node P no display node no display node corresponding to P. technically of D.

File: 2001 - hats.pdf | **Page:** 22
Sentence: No changes in the associations are made.
Issue: Passive Voice
Active Voice: Someone makes no changes in the associations in the associations.

File: 2001 - hats.pdf | **Page:** 23
Sentence: ALT 3: File is already selected.
Issue: Passive Voice
Active Voice: Someone selects File.

File: 2001 - hats.pdf | **Page:** 23
Sentence: Transformation of a target file was successful and transformation output has been stored and associated with the application.
Issue: Passive Voice
Active Voice: Transformation of a target file was successful and Someone has store transformation output and Someone associated something with the application.

File: 2001 - hats.pdf | **Page:** 23
Sentence: If either window is too small to contain all the information to be presented, the windows will have scroll bars to facilitate scrolling.
Issue: Passive Voice
Active Voice: Someone will have either window too too small to contain all the information to be presented scroll bars to facilitate scrolling If If either window is too small to contain all the information to be presented.

File: 2001 - hats.pdf | **Page:** 23
Sentence: If the SDT is too large for the window, a separate, small window with a compressed view of the SDT will be displayed.
Issue: Passive Voice
Active Voice: Someone will display a separate , small window with a compressed view of the SDT too too large for the window with a compressed view of the SDT If If the SDT is too large for the window ,.

File: 2001 - hats.pdf | **Page:** 23
Sentence: In this window, a displayed graph of the entire SDT will be drawn.
Issue: Passive Voice
Active Voice: Someone will draw a displayed graph of the entire SDT In this window of the entire SDT.

File: 2001 - hats.pdf | **Page:** 23
Sentence: A small box named the locator box will be displayed showing the part of the SDT currently displayed in the main SDT display window.
Issue: Passive Voice

Active Voice: Someone will display a small box named the locator box the locator box the part of the SDT currently displayed in the main SDT display window.

File: 2001 - hats.pdf | **Page:** 23
Sentence: Displayed node selection methods are described here.
Issue: Passive Voice
Active Voice: Someone describes displayed node selection methods.

File: 2001 - hats.pdf | **Page:** 23
Sentence: • A single node can be selected by a right mouse click on the node.
Issue: Passive Voice
Active Voice: A right mouse can • a single node on the node.

File: 2001 - hats.pdf | **Page:** 23
Sentence: • A single node can be selected via the keyboard by moving the keyboard cursor to a node and pressing the enter key.
Issue: Passive Voice
Active Voice: Someone can • a single node via the keyboard the keyboard cursor to a node and Someone pressed something the enter key.

File: 2001 - hats.pdf | **Page:** 23
Sentence: The keyboard cursor is moved between nodes using the tab key.
Issue: Passive Voice
Active Voice: Someone moves the keyboard cursor between nodes using the tab key.

File: 2001 - hats.pdf | **Page:** 23
Sentence: • Several nodes can be selected by drawing a mouse box around the desired nodes.
Issue: Passive Voice
Active Voice: Someone can select several nodes a mouse box around the desired nodes.

File: 2001 - hats.pdf | **Page:** 23
Sentence: • Several nodes can be selected by holding the shift key down and selecting individual displayed nodes.
Issue: Passive Voice
Active Voice: Someone can select • Several nodes the shift key and selecting individual displayed nodes . .

File: 2001 - hats.pdf | **Page:** 23
Sentence: When a user selects a set of nodes using these operations (and the shift key is not held down), the previously selected set of nodes (if any) is unselected.
Issue: Passive Voice
Active Voice: Someone not unselectes the shift key a set of nodes using these operations of nodes (if any) if if any.

File: 2001 - hats.pdf | **Page:** 23
Sentence: If both SDT and Pretty-printed text are displayed, the system will find the corresponding pretty-printed text and highlight that text in the Pretty-print text window.
Issue: Passive Voice
Active Voice: If both SDT and Someone will find pretty - printed text the corresponding pretty - printed text and Someone highlighted something that text in the Pretty - print text window.

File: 2001 - hats.pdf | **Page:** 24
Sentence: The number of levels to expand is given by the application configuration.
Issue: Passive Voice
Active Voice: The application configuration give the number of levels to expand of levels.

File: 2001 - hats.pdf | **Page:** 24

Sentence: If fewer than this number of levels exist, then all descendants of the chosen node are displayed 3.
Issue: Passive Voice
Active Voice: Someone displays all descendants of the chosen node than of levels of the chosen node 3 If If fewer than.

File: 2001 - hats.pdf | **Page:** 24
Sentence: Search criteria for SDTs are presented in Appendix E. 3.
Issue: Passive Voice
Active Voice: Someone presents search criteria for SDTs for SDTs in Appendix E. 3.

File: 2001 - hats.pdf | **Page:** 24
Sentence: The displayed nodes of the matching sub-tree are highlighted.
Issue: Passive Voice
Active Voice: Someone highlights the displayed nodes of the matching sub - tree of the matching sub - tree.

File: 2001 - hats.pdf | **Page:** 24
Sentence: If no nodes match the search criteria, none are highlighted.
Issue: Passive Voice
Active Voice: Someone highlights none the search criteria If If no nodes match the search criteria.

File: 2001 - hats.pdf | **Page:** 24
Sentence: If both SDT and Pretty-printed text are displayed, the pretty-printed text corresponding to the highlighted nodes of the SDT is highlighted.
Issue: Passive Voice
Active Voice: If both SDT and Someone highlights the pretty - printed text corresponding to the highlighted nodes of the SDT to the highlighted nodes of the SDT.

File: 2001 - hats.pdf | **Page:** 25
Sentence: The displayed nodes of the matching sub-tree are highlighted.
Issue: Passive Voice
Active Voice: Someone highlights the displayed nodes of the matching sub - tree of the matching sub - tree.

File: 2001 - hats.pdf | **Page:** 25
Sentence: If no nodes match the search criteria, none are highlighted.
Issue: Passive Voice
Active Voice: Someone highlights none the search criteria If If no nodes match the search criteria.

File: 2001 - hats.pdf | **Page:** 25
Sentence: If both SDT and Pretty-printed text are displayed, the pretty-printed text corresponding to the highlighted nodes of the SDT is highlighted.
Issue: Passive Voice
Active Voice: If both SDT and Someone highlights the pretty - printed text corresponding to the highlighted nodes of the SDT to the highlighted nodes of the SDT.

File: 2001 - hats.pdf | **Page:** 25
Sentence: The transformation program is executed while the SDT is being displayed.
Issue: Passive Voice
Active Voice: Someone is executing the SDT.

File: 2001 - hats.pdf | **Page:** 25
Sentence: The SDT file is overwritten by the ApplyTransformation program.
Issue: Passive Voice
Active Voice: The ApplyTransformation program overwrite the SDT file.

File: 2001 - hats.pdf | **Page:** 25
Sentence: Transformation of a target file was successful and transformation output has been stored and associated with the application.
Issue: Passive Voice
Active Voice: Transformation of a target file was successful and Someone has store transformation output and Someone associated something with the application.

File: 2001 - hats.pdf | **Page:** 25
Sentence: If the window is too small to contain all the information to be presented, the windows will have scroll bars to facilitate scrolling.
Issue: Passive Voice
Active Voice: Someone will have the window too too small to contain all the information to be presented scroll bars to facilitate scrolling If If the window is too small to contain all the information to be presented.

File: 2001 - hats.pdf | **Page:** 25
Sentence: Text selection methods are described here.
Issue: Passive Voice
Active Voice: Someone describes text selection methods.

File: 2001 - hats.pdf | **Page:** 25
Sentence: • Text can be selected by clicking and dragging the mouse across an area of text.
Issue: Passive Voice
Active Voice: Clicking can select • Text and Someone dragged something the mouse across an area of text.

File: 2001 - hats.pdf | **Page:** 25
Sentence: • Text can be selected by holding the shift key and moving the keyboard cursor using the arrow keys.
Issue: Passive Voice
Active Voice: Someone can select • Text the shift key and Someone moved something the keyboard cursor the arrow keys.

File: 2001 - hats.pdf | **Page:** 25
Sentence: When a user selects text using these operations, the previously selected text (if any) is unselected.
Issue: Passive Voice
Active Voice: Someone unselectes if any) text using these operations if if any).

File: 2001 - hats.pdf | **Page:** 26
Sentence: If both pretty-printed text and graphical representation of SDT are displayed, the system finds the corresponding displayed nodes of the SDT of the selected portion of pretty-printed text and highlights the corresponding displayed nodes of the SDT.
Issue: Passive Voice
Active Voice: If both pretty - printed text and Someone finds graphical representation of SDT of SDT the corresponding displayed nodes of the SDT of the selected portion of pretty - printed text and highlights the corresponding displayed nodes of the SDT . .

File: 2001 - hats.pdf | **Page:** 26
Sentence: Text search criteria are given in Appendix F. 3.
Issue: Passive Voice
Active Voice: Someone gives text search criteria in Appendix F. 3.

File: 2001 - hats.pdf | **Page:** 26
Sentence: If both the pretty-printed text and the graphical representation of an SDT are displayed, the system finds the corresponding nodes of the SDT of the selected portion of pretty-printed text and highlights the corresponding nodes of the SDT.

Issue: Passive Voice
Active Voice: If both the pretty - printed text and Someone finds the graphical representation of an SDT of an SDT the corresponding nodes of the SDT of the selected portion of pretty - printed text and highlights the corresponding nodes of the SDT . .

File: 2001 - hats.pdf | **Page:** 26
Sentence: The necessary file names are passed to HATS-SML, HATS-SML applies the pretty-print style to the SDT, and a formatted text file is generated.
Issue: Passive Voice
Active Voice: Someone passes the necessary file names to HATS - SML , the pretty - print style to the SDT and Someone generates a formatted text file.

File: 2001 - hats.pdf | **Page:** 26
Sentence: A target SDT file has been generated and a pretty-print style file exists.
Issue: Passive Voice
Active Voice: Someone has generate a target SDT file and Someone existed a pretty - print style file.

File: 2001 - hats.pdf | **Page:** 26
Sentence: An application has been selected.
Issue: Passive Voice
Active Voice: Someone has select an application.

File: 2001 - hats.pdf | **Page:** 26
Sentence: No pretty-print style file is associated with the target file.
Issue: Passive Voice
Active Voice: Someone associates no pretty - print style file with the target file.

File: 2001 - hats.pdf | **Page:** 26
Sentence: ALT 1: A target SDT has already been selected.
Issue: Passive Voice
Active Voice: ALT 1: A target SDT has already been selected. .

File: 2001 - hats.pdf | **Page:** 26
Sentence: A1-2A: Step 2 is skipped.
Issue: Passive Voice
Active Voice: Someone skips step 2.

File: 2001 - hats.pdf | **Page:** 26
Sentence: ALT 2: A pretty-print style file is associated with the target file.
Issue: Passive Voice
Active Voice: Someone associates a pretty - print style file with the target file.

File: 2001 - hats.pdf | **Page:** 27
Sentence: The existing file will be overwritten.
Issue: Passive Voice
Active Voice: Someone will overwrite the existing file.

File: 2001 - hats.pdf | **Page:** 27
Sentence: A6-8A: No text file is generated.
Issue: Passive Voice
Active Voice: Someone generates no text file.

File: 2001 - hats.pdf | **Page:** 27
Sentence: Specifically, the system shall be tested under Sun Solaris, Windows 2000, and Linux.
Issue: Passive Voice
Active Voice: Someone shall test the system under Sun Solaris , Windows 2000 and Linux ..

File: 2001 - hats.pdf | **Page:** 27
Sentence: It is intended for the system to run under any variation of the Microsoft Windows operating system later than Windows 95.
Issue: Passive Voice
Active Voice: Someone intends it under any variation of the Microsoft Windows operating system than Windows 95.

File: 2001 - hats.pdf | **Page:** 27
Sentence: The system shall be designed in such a way as to minimize the number of windows opened by the application.
Issue: Passive Voice
Active Voice: The application shall design the system in such a way the number of windows opened by the application.

File: 2001 - hats.pdf | **Page:** 27
Sentence: For example, it is not acceptable to open a new window for every output file generated by HATS-SML at the time each file is received by the HATS-GUI.
Issue: Passive Voice
Active Voice: For example, it is not acceptable to open a new window for every output file generated by HATS-SML at the time each file is received by the HATS-GUI. .

File: 2001 - hats.pdf | **Page:** 27
Sentence: The system shall be developed using the Java programming language.
Issue: Passive Voice
Active Voice: Someone shall develop the system the Java programming language.

File: 2001 - hats.pdf | **Page:** 27
Sentence: The system shall be completed by December 2001.
Issue: Passive Voice
Active Voice: Someone shall complete the system.

File: 2001 - hats.pdf | **Page:** 27
Sentence: Assumptions and Dependencies The following assumptions are made with respect to the HATS-GUI: • A JVM shall have been installed on the system under which the HATS-GUI is running.
Issue: Passive Voice
Active Voice: Assumptions and Someone shall instal • A JVM with respect to the HATS - GUI on the system under which the HATS - GUI is running.

File: 2001 - hats.pdf | **Page:** 27
Sentence: • An ML interpreter shall have been installed on the system under which the HATS-GUI is running.
Issue: Passive Voice
Active Voice: Someone shall instal an ML interpreter on the system under which the HATS - GUI is running.

File: 2001 - hats.pdf | **Page:** 28
Sentence: For any operation where the user is prompted to select from a list, the user shall be able to cancel the operation.
Issue: Passive Voice
Active Voice: For any operation where the user is prompted to select from a list, the user shall be able to cancel the operation. .

File: 2001 - hats.pdf | **Page:** 28
Sentence: When collecting generated output files from HATS-SML, the HATS-GUI shall overwrite any file whose name is generated automatically.

Issue: Passive Voice
Active Voice: Someone shall overwrite whose name generated output files from HATS - SML , any file whose name is generated automatically.

File: 2001 - hats.pdf | **Page:** 28
Sentence: For example, given a transformation language program X.tlp, the file X.tlp.parsed is generated when the parser is executed.
Issue: Passive Voice
Active Voice: Someone generates the parser For example given a transformation language program X.tlp.

File: 2001 - hats.pdf | **Page:** 28
Sentence: If X.tlp.parsed existed prior to executing the parser, it shall be overwritten without prompting the user.
Issue: Passive Voice
Active Voice: Someone shall overwrite it to executing the parser without prompting the user If If X.tlp.parsed existed prior to executing the parser.

File: 2001 - hats.pdf | **Page:** 28
Sentence: [SRSreq 04] When saving or copying files, the HATS-GUI shall use the following sequence of actions: • The HATS-GUI shall prompt the user for a file name for the file to be saved.
Issue: Passive Voice
Active Voice: Someone shall use the file files the following sequence of actions : the user for a file name.

File: 2001 - hats.pdf | **Page:** 28
Sentence: If the user does not agree to overwrite the existing file or if system errors occur while writing or renaming the new file or deleting the previous file, the new file shall not be written and the previous file shall be left unchanged.
Issue: Passive Voice
Active Voice: Someone not not shall write the new file the existing file the previous file If If the user does not agree to overwrite the existing file or if system errors occur while writing or renaming the new file or deleting the previous file and Someone shall leave the previous file unchanged.

File: 2001 - hats.pdf | **Page:** 28
Sentence: If the user specifies the name of an existing file, the existing file is only overwritten after the user confirms that it is permissible to do so.
Issue: Passive Voice
Active Voice: Someone overwrites the existing file the name of an existing file permissible to do so If If the user specifies the name of an existing file.

File: 2001 - hats.pdf | **Page:** 28
Sentence: Output pretty-printed text files and SDTs shall only be displayed when the user requests.
Issue: Passive Voice
Active Voice: Output pretty - printed text files and Someone shall display SDTs.

File: 2001 - hats.pdf | **Page:** 28
Sentence: The main interface shall be menu driven.
Issue: Passive Voice
Active Voice: Someone shall drive the main interface.

File: 2001 - hats.pdf | **Page:** 28
Sentence: A summary of the menus available is given below in Table 5.
Issue: Passive Voice
Active Voice: Someone gives a summary of the menus available of the menus available in Table 5.

File: 2001 - hats.pdf | **Page:** 29
Sentence: The editor shall be started according to information in the application configuration.
Issue: Passive Voice
Active Voice: Someone shall start the editor according to information in the application configuration.

File: 2001 - hats.pdf | **Page:** 29
Sentence: This information shall be used when editors are started as processes.
Issue: Passive Voice
Active Voice: Someone shall use editors as processes.

File: 2001 - hats.pdf | **Page:** 29
Sentence: File associations are shown in Table 6.
Issue: Passive Voice
Active Voice: Someone shows file associations in Table 6.

File: 2001 - hats.pdf | **Page:** 30
Sentence: The HATS-SML programs and their command line arguments are described in Appendix D.
Issue: Passive Voice
Active Voice: The HATS - SML programs and Someone describes their command line arguments in Appendix D..

File: 2001 - hats.pdf | **Page:** 30
Sentence: Examples of information available from an operating system include indications that a specified file does ot exist, that a file cannot be opened due to file protection violations, or that errors occurred during I/O operations. 3.1.3.2.
Issue: Passive Voice
Active Voice: Someone not can include a file of information from an operating system indications that a specified file does ot exist , that a file can not be opened due to file protection violations , or that errors occurred during I / O operations 3.1.3.2.

File: 2001 - hats.pdf | **Page:** 30
Sentence: Data sets shall be saved as files using file names with the appropriate extensions.
Issue: Passive Voice
Active Voice: Someone shall save data sets as files using file names with the appropriate extensions.

File: 2001 - hats.pdf | **Page:** 31
Sentence: These time stamps must be reported with a precision of one second or less. 3.2.
Issue: Passive Voice
Active Voice: Someone must report stamps with a precision of one second or less.

File: 2001 - hats.pdf | **Page:** 31
Sentence: These time stamps must be reported with a precision of one second or less. 3.2.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 31
Sentence: Requirements related to these objects are described here.
Issue: Passive Voice
Active Voice: Someone describes requirements related to these objects to these objects.

File: 2001 - hats.pdf | **Page:** 31
Sentence: A general description of files and applications is presented in Section 2.
Issue: Passive Voice
Active Voice: A general description of files and Someone presents applications in Section 2.

File: 2001 - hats.pdf | **Page:** 31
Sentence: [SRSreq 51] All files associated with a given application shall be stored in one directory.
Issue: Passive Voice
Active Voice: Someone shall store all files associated with a given application with a given application in one directory.

File: 2001 - hats.pdf | **Page:** 31
Sentence: The directory in which application files are stored shall be named with the application name.
Issue: Passive Voice
Active Voice: Someone shall name application files in which with the application name.

File: 2001 - hats.pdf | **Page:** 31
Sentence: This file shall be written in ML and have the file extension .lib.
Issue: Passive Voice
Active Voice: Someone shall write this file in ML and Someone had something the file extension.

File: 2001 - hats.pdf | **Page:** 31
Sentence: For example, if NatLang.txt exists, a suggested file name would be NatLang.txt.2.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 31
Sentence: The application configuration elements are given in Table 6.
Issue: Passive Voice
Active Voice: Someone gives the application configuration elements in Table 6.

File: 2001 - hats.pdf | **Page:** 32
Sentence: Software Requirements Specification Software Requirements Specification CS4311 Date: 11/01/2001 Page 32 Element Description File Associations • The grammar and lexical specification files are associated with the parser.
Issue: Passive Voice
Active Voice: Software Requirements Specification Software Requirements Specification CS4311 Date : 11/01/2001 Page 32 Element Description File Associations • The grammar and Someone associates lexical specification files with the parser.

File: 2001 - hats.pdf | **Page:** 32
Sentence: • The parsed transformation language program file is associated with the transformation language program file.
Issue: Passive Voice
Active Voice: Someone •s the parsed transformation language program file with the transformation language program file.

File: 2001 - hats.pdf | **Page:** 32
Sentence: • The parsed target file is associated with the target file.
Issue: Passive Voice
Active Voice: Someone •s the parsed target file with the target file.

File: 2001 - hats.pdf | **Page:** 32
Sentence: The transformation output SDT file names are associated with the transformation language program file.
Issue: Passive Voice
Active Voice: Someone associates the transformation output SDT file names with the transformation language program file.

File: 2001 - hats.pdf | **Page:** 32

Sentence: The library and program parser are associated with the transformation language program file.
Issue: Passive Voice
Active Voice: The library and Someone associates program parser with the transformation language program file.

File: 2001 - hats.pdf | **Page:** 32
Sentence: The input target files are associated with a transformation language program.
Issue: Passive Voice
Active Voice: Someone associates the input target files with a transformation language program.

File: 2001 - hats.pdf | **Page:** 32
Sentence: • The transformation language program files are associated with the output SDT file.
Issue: Passive Voice
Active Voice: Someone •s the transformation language program files with the output SDT file.

File: 2001 - hats.pdf | **Page:** 32
Sentence: The two most-recent pretty-print style files used to format transformation output are associated with the output SDT file.
Issue: Passive Voice
Active Voice: Someone associates the two most - recent pretty - print style files used to format transformation output most transformation output with the output SDT file.

File: 2001 - hats.pdf | **Page:** 32
Sentence: • The target file and pretty-print style files are associated with the text output file resulting from a transformation.
Issue: Passive Voice
Active Voice: Someone •ed something The target file and Someone associates pretty - print style files with the text output file resulting from a transformation.

File: 2001 - hats.pdf | **Page:** 32
Sentence: Input and Output The types of outputs generated by HATS-SML are described in section 2.1.4.
Issue: Passive Voice
Active Voice: Input and HATS - SML describe output The types of outputs generated by HATS - SML of outputs generated by HATS - SML in section.

File: 2001 - hats.pdf | **Page:** 32
Sentence: Text in this window shall be cleared prior to executing individual HATS- SML programs, unless the programs are contained in a program script.
Issue: Passive Voice
Active Voice: Someone shall clear the programs in this window to executing individual HATS- SML programs in a program script unless unless the programs are contained in a program script.

File: 2001 - hats.pdf | **Page:** 32
Sentence: In the case of a script, the window contents shall be cleared prior to executing the script.
Issue: Passive Voice
Active Voice: Someone shall clear the window contents In the case of a script to executing the script.

File: 2001 - hats.pdf | **Page:** 32
Sentence: Navigation windows are discussed in section 3.2.3.3.4.
Issue: Passive Voice
Active Voice: Someone discusses navigation windows in section 3.2.3.3.4.

File: 2001 - hats.pdf | **Page:** 32

Sentence: The keyboard cursor shall be set to the location of the mouse cursor when the pointing device is clicked.
Issue: Passive Voice
Active Voice: Someone shall set the pointing device to the location of the mouse cursor.

File: 2001 - hats.pdf | **Page:** 33
Sentence: A new file shall be created in the currently open application with the newly entered file name.
Issue: Passive Voice
Active Voice: Someone shall create a new file in the currently open application with the newly entered file name.

File: 2001 - hats.pdf | **Page:** 33
Sentence: The contents of the selected file shall be written into the new file, and the new file shall become the currently selected file.
Issue: Passive Voice
Active Voice: Someone shall write the contents of the selected file of the selected file into the new file and Someone shall become the new file the currently selected file.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If the user confirms, the currently selected file shall be deleted.
Issue: Passive Voice
Active Voice: Someone shall delete the currently selected file If If the user confirms.

File: 2001 - hats.pdf | **Page:** 33
Sentence: No file shall be currently selected at the end of this operation.
Issue: Passive Voice
Active Voice: Someone shall select no file at the end of this operation.

File: 2001 - hats.pdf | **Page:** 33
Sentence: The name of a selected file shall be passed to the editor as a command line argument.
Issue: Passive Voice
Active Voice: Someone shall pass the name of a selected file of a selected file to the editor as a command line argument.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If no editor is associated with either the file or the file type, then the default editor shall be used.
Issue: Passive Voice
Active Voice: Someone shall use the default editor with either the file or the file type If If no editor is associated with either the file or the file type.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If no default editor has been selected, then the HATS-GUI shall present a list of the configured editors and allow the user to select an editor.
Issue: Passive Voice
Active Voice: Someone shall present no default editor a list of the configured editors If If no default editor has been selected and Someone allowwed the user an editor.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If no editors have been configured, then the HATS-GUI shall inform the user that an editor must be configured before starting an editor.
Issue: Passive Voice
Active Voice: Someone shall inform an editor the user before starting an editor If If no editors have been configured.

File: 2001 - hats.pdf | **Page:** 33

Sentence: If no editors have been configured, then the HATS-GUI shall inform the user that an editor must be configured before starting an editor.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 33
Sentence: If changes have been made to the configuration but have not been saved, the user shall be prompted to save the configuration.
Issue: Passive Voice
Active Voice: Someone not shall prompt the user to the configuration the configuration If If changes have been made to the configuration but have not been saved.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If the user agrees, the configuration shall be saved.
Issue: Passive Voice
Active Voice: Someone shall save the configuration If If the user agrees.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If the user does not agree, the configuration shall not be saved.
Issue: Passive Voice
Active Voice: Someone not not shall save the configuration If If the user does not agree.

File: 2001 - hats.pdf | **Page:** 33
Sentence: No application is currently selected at the end of this operation.
Issue: Passive Voice
Active Voice: Someone selects no application at the end of this operation.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If changes have been made to the configuration but have not been saved, the user shall be prompted to save the configuration.
Issue: Passive Voice
Active Voice: Someone not shall prompt the user to the configuration the configuration If If changes have been made to the configuration but have not been saved.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If the user agrees, the configuration shall be saved.
Issue: Passive Voice
Active Voice: Someone shall save the configuration If If the user agrees.

File: 2001 - hats.pdf | **Page:** 33
Sentence: If the user does not agree, the configuration shall not be saved.
Issue: Passive Voice
Active Voice: Someone not not shall save the configuration If If the user does not agree.

File: 2001 - hats.pdf | **Page:** 33
Sentence: All files in the application directory, including all subdirectories, shall be copied to the new directory, and the new directory shall become the currently selected application.
Issue: Passive Voice
Active Voice: Someone shall copy all files in the application directory , including all subdirectories in the application directory including all subdirectories to the new directory and Someone shall become the new directory the currently selected application.

File: 2001 - hats.pdf | **Page:** 34
Sentence: If the user confirms, all files in the application directory shall be deleted and the application directory itself shall be deleted.
Issue: Passive Voice
Active Voice: Someone shall delete all files in the application directory in the application directory If If the user confirms and Someone shall delete the application directory itself.

File: 2001 - hats.pdf | **Page:** 34
Sentence: No application is currently selected at the end of this operation.
Issue: Passive Voice
Active Voice: Someone selects no application at the end of this operation.

File: 2001 - hats.pdf | **Page:** 34
Sentence: If the user does not confirm the deletion of the subdirectory, the application director shall not be deleted.
Issue: Passive Voice
Active Voice: Someone not not shall delete the application director the deletion of the subdirectory If If the user does not confirm the deletion of the subdirectory.

File: 2001 - hats.pdf | **Page:** 34
Sentence: The application configuration elements are given in Section 3.2.1.1.
Issue: Passive Voice
Active Voice: Someone gives the application configuration elements in Section 3.2.1.1.

File: 2001 - hats.pdf | **Page:** 34
Sentence: If no target program is selected, the HATS-GUI shall first prompt the user to select a target program.
Issue: Passive Voice
Active Voice: Someone shall prompt no target program the user a target program If If no target program is selected.

File: 2001 - hats.pdf | **Page:** 34
Sentence: When a user selects the Run/Parse Program menu option, the HATS-GUI shall parse the selected transformation language program by using the ParseTlp HATS-SML programs as described in Appendix D. If no target program is selected, the HATS-GUI shall first prompt the user to select a transformation language program.
Issue: Passive Voice
Active Voice: Someone shall parse no target program the Run / Parse Program menu option the selected transformation language program the ParseTlp HATS - SML programs in Appendix D. the user a transformation language program If If no target program is selected.

File: 2001 - hats.pdf | **Page:** 34
Sentence: This process is further described in Section 3.2.3.
Issue: Passive Voice
Active Voice: Someone describes this process in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 34
Sentence: This process is further described in Section 3.2.3.
Issue: Passive Voice
Active Voice: Someone describes this process in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 34
Sentence: The viewing of outputs is detailed in Section 3.2.3.
Issue: Passive Voice
Active Voice: Someone details the viewing of outputs of outputs in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 34
Sentence: The viewing of text outputs is detailed in Section 3.2.3.
Issue: Passive Voice
Active Voice: Someone details the viewing of text outputs of text outputs in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 34
Sentence: The viewing of errors is detailed in Section 3.2.3.

Issue: Passive Voice
Active Voice: Someone details the viewing of errors of errors in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 34
Sentence: The viewing of output is detailed in Section 3.2.3.
Issue: Passive Voice
Active Voice: Someone details the viewing of output of output in Section 3.2.3.

File: 2001 - hats.pdf | **Page:** 35
Sentence: When a displayed node is expanded, the number of levels of children added to the displayed graph shall be determined by the application configuration.
Issue: Passive Voice
Active Voice: The application configuration shall add a displayed node of levels of children to the displayed graph.

File: 2001 - hats.pdf | **Page:** 35
Sentence: When a displayed node is collapsed, all descendants of the node are removed from the displayed graph.
Issue: Passive Voice
Active Voice: Someone removes all descendants of the node of the node from the displayed graph.

File: 2001 - hats.pdf | **Page:** 35
Sentence: Related Features 3.2.3.1. Prepare Application Selecting, deleting, and copying applications are described in Section 3.2.2.
Issue: Passive Voice
Active Voice: Related Features 3.2.3.1 . Prepare Application Selecting , deleting , and Someone describes copying applications in Section 3.2.2.

File: 2001 - hats.pdf | **Page:** 35
Sentence: Editing files is discussed in Section 3.2.2.1.1.
Issue: Passive Voice
Active Voice: Someone discusses editing files in Section 3.2.2.1.1.

File: 2001 - hats.pdf | **Page:** 35
Sentence: Parsing is accomplished by sending a parser file and an input file to HATS-SML.
Issue: Passive Voice
Active Voice: Someone accomplishes Parsing a parser file and an input file to HATS - SML . .

File: 2001 - hats.pdf | **Page:** 35
Sentence: To execute a transformation language program, the parsed transformation language program and the user- defined library file are sent to HATS-SML.
Issue: Passive Voice
Active Voice: Someone executed something a transformation language program the parsed transformation language program and Someone sends the user- defined library file.

File: 2001 - hats.pdf | **Page:** 35
Sentence: These output SDTs are specified in the transformation language program.
Issue: Passive Voice
Active Voice: Someone specifies these output SDTs in the transformation language program.

File: 2001 - hats.pdf | **Page:** 35
Sentence: In addition to the output file, the transformation language program may specify that debugging output be written to the standard output stream.
Issue: Passive Voice
Active Voice: Someone may specify the transformation language program In addition to the output file output to the standard output stream.

File: 2001 - hats.pdf | **Page:** 35
Sentence: Errors encountered during program execution are written to the standard error stream.
Issue: Passive Voice
Active Voice: Someone encounters Errors during program execution to the standard error stream.

File: 2001 - hats.pdf | **Page:** 35
Sentence: Parsing and running transformations are also described in section 3.2.2.
Issue: Passive Voice
Active Voice: Someone parsed something and Someone describes running transformations in section 3.2.2.

File: 2001 - hats.pdf | **Page:** 35
Sentence: • The HATS-GUI shall check that the parser file is younger than the grammar and lexical specification files and that the parser file was generated from the grammar and lexical specification files.
Issue: Passive Voice
Active Voice: Someone shall • the HATS - GUI younger than the grammar and lexical specification files and Someone generated the parser file from the grammar and lexical specification files ..

File: 2001 - hats.pdf | **Page:** 36
Sentence: The HATS-GUI shall begin with the first command and execute the commands sequentially until either an error occurs or all commands in the script file have been executed.
Issue: Passive Voice
Active Voice: Someone shall begin the HATS - GUI with the first command and Someone have execute an error the commands in the script file.

File: 2001 - hats.pdf | **Page:** 36
Sentence: Prior to starting the execution of a script file, the display screens for the standard error and the standard output shall be cleared.
Issue: Passive Voice
Active Voice: Someone screened something to starting the execution of a script file for the standard error and Someone shall clear the standard output.

File: 2001 - hats.pdf | **Page:** 36
Sentence: There are several types of output that can be received from HATS-SML: • error messages written to the standard error stream resulting from parser generation, parsing, or program execution; • parsed transformation language programs; • parsed target files; • transformation language program parser files; • target program parser files; • text output written to the standard output stream; and • pretty-printed text.
Issue: Passive Voice
Active Voice: Someone can be that several types of output that can be received from HATS - SML • error messages written to the standard error stream resulting from parser generation , parsing , or program execution ; • parsed transformation language programs target files • parsed target files ; • transformation language program parser files • target program parser files ; • text output written to the standard output stream ; and • pretty - printed text . .

File: 2001 - hats.pdf | **Page:** 36
Sentence: The manner in which the output is displayed shall depend on the type of the output.
Issue: Passive Voice
Active Voice: Someone shall depend the output in which on the type of the output.

File: 2001 - hats.pdf | **Page:** 36
Sentence: Selected displayed nodes shall be indicated visually.
Issue: Passive Voice
Active Voice: Someone shall indicate selected displayed nodes.

File: 2001 - hats.pdf | **Page:** 36
Sentence: The following methods shall be used to select displayed nodes.
Issue: Passive Voice
Active Voice: Someone shall use the following methods displayed nodes.

File: 2001 - hats.pdf | **Page:** 36
Sentence: • A single node shall be selected by right-clicking the mouse cursor on the node.
Issue: Passive Voice
Active Voice: Right - clicking the mouse cursor on the node shall • a single node on the node.

File: 2001 - hats.pdf | **Page:** 36
Sentence: • A single node shall be selected by moving the keyboard cursor to the node (using the tab key) and pressing the enter key.
Issue: Passive Voice
Active Voice: Someone shall select a single node the keyboard cursor to the node the tab key the enter key.

File: 2001 - hats.pdf | **Page:** 36
Sentence: • A set of nodes shall be selected by holding the shift key while selecting nodes using the methods specified previously in this section.
Issue: Passive Voice
Active Voice: Someone shall select a set of nodes of nodes the shift key nodes the methods in this section.

File: 2001 - hats.pdf | **Page:** 36
Sentence: The user shall be able to deselect all selected displayed nodes by • clicking either the right or left mouse buttons while the mouse cursor is not pointed at any displayed nodes and the shift key is not depressed; or
Issue: Passive Voice
Active Voice: The user shall be able to deselect all selected displayed nodes by • clicking either the right or left mouse buttons while the mouse cursor is not pointed at any displayed nodes and the shift key is not depressed ; or .

File: 2001 - hats.pdf | **Page:** 37
Sentence: The center of the displayed graph will be the displayed node closest to the mouse cursor when the mouse is clicked.
Issue: Passive Voice
Active Voice: The center of the displayed graph will be the displayed node closest to the mouse cursor when the mouse is clicked. .

File: 2001 - hats.pdf | **Page:** 37
Sentence: When both an SDT and a pretty-printed text display corresponding to a single transformed target file are open, highlighting and cursor location motion shall be mirrored in the two windows.
Issue: Passive Voice
Active Voice: When both an SDT and a pretty - printed text display corresponding to a single transformed target file are open , highlighting and Someone shall mirror cursor location motion in the two windows.

File: 2001 - hats.pdf | **Page:** 37
Sentence: Thus, when a displayed node is selected in the SDT display, the corresponding text in the pretty- print window is highlighted.
Issue: Passive Voice
Active Voice: Someone highlights the corresponding text in the pretty- print window in the SDT display in the pretty- print window.

File: 2001 - hats.pdf | **Page:** 37

Sentence: When the user scrolls to the end of the pretty-printed text display, the display of the SDT should also scroll to the corresponding displayed nodes.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 37
Sentence: When displayed graph windows are resized, the HATS-GUI shall respond by utilizing the space available.
Issue: Passive Voice
Active Voice: Someone shall respond graph windows the space available.

File: 2001 - hats.pdf | **Page:** 37
Sentence: If a leaf displayed node corresponds to a non-terminal SDT node, the label in the text window shall be surrounded by pointed brackets (<>).
Issue: Passive Voice
Active Voice: Pointed brackets (< shall surround a leaf node corresponds to a non - terminal SDT node , the label in the text window If If a leaf displayed node corresponds to a non - terminal SDT node , the label in the text window.

File: 2001 - hats.pdf | **Page:** 37
Sentence: Each SDT shall be displayed in a separate window.
Issue: Passive Voice
Active Voice: Someone shall display each SDT in a separate window.

File: 2001 - hats.pdf | **Page:** 37
Sentence: This is not to be confused with terminal nodes in the SDT.
Issue: Passive Voice
Active Voice: This is not to be confused with terminal nodes in the SDT.

File: 2001 - hats.pdf | **Page:** 37
Sentence: The types of nodes in a displayed graph are listed in Table 4.
Issue: Passive Voice
Active Voice: Someone lists the types of nodes in a displayed graph of nodes in a displayed graph in Table 4.

File: 2001 - hats.pdf | **Page:** 37
Sentence: [SRSreq 115] SDTs shall be displayed as directed acyclic graphs with nodes and edges.
Issue: Passive Voice
Active Voice: Someone shall display SDTs as directed acyclic graphs with nodes and edges ..

File: 2001 - hats.pdf | **Page:** 37
Sentence: [SRSreq 117] When a displayed node and its children are displayed simultaneously, the parent node shall be displayed higher than the children.
Issue: Passive Voice
Active Voice: [SRSreq 117] When a displayed node and Someone shall display the parent node than the children.

File: 2001 - hats.pdf | **Page:** 38
Sentence: The number of levels expanded is set in the application configuration.
Issue: Passive Voice
Active Voice: Someone sets the number of levels expanded of levels in the application configuration.

File: 2001 - hats.pdf | **Page:** 38
Sentence: Thus, text displayed in a HATS-GUI window can be pasted into other applications such as text editors that may be running concurrently with the HATS-GUI.
Issue: Passive Voice

Active Voice: Someone can paste thus , text displayed in a HATS - GUI window in a HATS - GUI window into other applications such as text editors that may be running concurrently with the HATS - GUI.

File: 2001 - hats.pdf | **Page:** 38
Sentence: When a display is refreshed, the current display is erased, the SDT file is read, and a new SDT display is generated.
Issue: Passive Voice
Active Voice: Someone reads the SDT file and Someone generates a new SDT display.

File: 2001 - hats.pdf | **Page:** 38
Sentence: If the cursor is at the beginning of a line, the cursor is moved to the end of the previous line.
Issue: Passive Voice
Active Voice: Someone moves the cursor at the beginning of a line to the end of the previous line If If the cursor is at the beginning of a line.

File: 2001 - hats.pdf | **Page:** 38
Sentence: If the cursor is at the end of a line, the cursor is moved to the first character of the next line.
Issue: Passive Voice
Active Voice: Someone moves the cursor at the end of a line to the first character of the next line If If the cursor is at the end of a line.

File: 2001 - hats.pdf | **Page:** 38
Sentence: If there is no line after the current line, the cursor is not moved.
Issue: Passive Voice
Active Voice: Someone not moves the cursor no line after the current line If If there is no line after the current line.

File: 2001 - hats.pdf | **Page:** 38
Sentence: If there is no text in the column above the current cursor location, the cursor is moved to the end of the previous line.
Issue: Passive Voice
Active Voice: Someone moves the cursor no text in the column above the current cursor location to the end of the previous line If If there is no text in the column above the current cursor location.

File: 2001 - hats.pdf | **Page:** 38
Sentence: (A space is considered text.)
Issue: Passive Voice
Active Voice: Someone considers a space text.

File: 2001 - hats.pdf | **Page:** 38
Sentence: If there is no text in the column below the current cursor location, the cursor is moved to the end of the previous line.
Issue: Passive Voice
Active Voice: Someone moves the cursor no text in the column below the current cursor location to the end of the previous line If If there is no text in the column below the current cursor location.

File: 2001 - hats.pdf | **Page:** 38
Sentence: (A space is considered text.)
Issue: Passive Voice
Active Voice: Someone considers a space text.

File: 2001 - hats.pdf | **Page:** 39
Sentence: • An up arrow key moves the cursor to the closest ancestor that is not hidden.
Issue: Passive Voice

Active Voice: Someone not •s that An up arrow key moves the cursor to the closest ancestor that is not hidden.

File: 2001 - hats.pdf | **Page:** 39
Sentence: • An down arrow key moves the cursor to the leftmost, nearest descendant that is not hidden.
Issue: Passive Voice
Active Voice: Someone not •s that An down arrow key moves the cursor to the leftmost , nearest descendant that is not hidden.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The keyboard cursor shall move to the text element or graph node closest to the pointing-device cursor when the pointing device is clicked.
Issue: Passive Voice
Active Voice: Someone shall move the pointing device to the text element node to the pointing - device cursor.

File: 2001 - hats.pdf | **Page:** 39
Sentence: If the displayed graph of the entire SDT is too large for the window, a separate, small window with a compressed view of the SDT shall be displayed.
Issue: Passive Voice
Active Voice: Someone shall display a separate , small window with a compressed view of the SDT of the entire SDT too too large for the window with a compressed view of the SDT If If the displayed graph of the entire SDT is too large for the window ,.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The compressed view is called the navigation window display.
Issue: Passive Voice
Active Voice: Someone calls the compressed view the navigation window display.

File: 2001 - hats.pdf | **Page:** 39
Sentence: In this navigation window, a representation of the entire SDT will be drawn.
Issue: Passive Voice
Active Voice: Someone will draw a representation of the entire SDT In this navigation window of the entire SDT.

File: 2001 - hats.pdf | **Page:** 39
Sentence: A small box will be displayed showing the part of the SDT currently displayed in the main tree display window.
Issue: Passive Voice
Active Voice: Someone will display a small box the part of the SDT in the main tree display window.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The search criteria are described in Appendix E.
Issue: Passive Voice
Active Voice: Someone describes the search criteria in Appendix E.

File: 2001 - hats.pdf | **Page:** 39
Sentence: When a match is found, the HATS-GUI shall highlight the matching displayed nodes and center the display on the left-most, top-level displayed node in the matching pattern.
Issue: Passive Voice
Active Voice: Someone shall highlight a match the matching displayed nodes and Someone centerred something the display on the left - most , top - level node in the matching pattern.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The keyboard cursor is set to this node.

Issue: Passive Voice
Active Voice: Someone sets the keyboard cursor to this node.

File: 2001 - hats.pdf | **Page:** 39
Sentence: If no matches are found, the HATS-GUI shall display a message stating "No Match Found."
Issue: Passive Voice
Active Voice: Someone shall display no matches a message stating " No Match Found If If no matches are found.

File: 2001 - hats.pdf | **Page:** 39
Sentence: Search continues top-to-bottom, left-to-right until the end of the SDT is encountered.
Issue: Passive Voice
Active Voice: Someone continues the end of the SDT top - to - bottom , to - right of the SDT.

File: 2001 - hats.pdf | **Page:** 39
Sentence: When the end of the SDT is encountered, search will continue from the root of the SDT until arriving back at the starting location.
Issue: Passive Voice
Active Voice: Someone will continue the end of the SDT of the SDT from the root of the SDT until arriving back at the starting location.

File: 2001 - hats.pdf | **Page:** 39
Sentence: Search terminates when either a matching sub-tree is found or the search arrives at the original starting location.
Issue: Passive Voice
Active Voice: Someone terminates tree at the original starting location.

File: 2001 - hats.pdf | **Page:** 39
Sentence: Search terminates when either a matching sub-tree is found or the search arrives at the original starting location.
Issue: Passive Voice
Active Voice: Someone terminates tree at the original starting location.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The search criteria are described in Appendix F.
Issue: Passive Voice
Active Voice: Someone describes the search criteria in Appendix F.

File: 2001 - hats.pdf | **Page:** 39
Sentence: The user shall be prompted to enter a text string
Issue: Passive Voice
Active Voice: Someone shall prompt the user a text string.

File: 2001 - hats.pdf | **Page:** 40
Sentence: When a match is found, the HATS-GUI shall highlight the matching text and center the display on the left-most element of the matching text.
Issue: Passive Voice
Active Voice: Someone shall highlight a match the matching text and Someone centerred something the display on the left - most element of the matching text.

File: 2001 - hats.pdf | **Page:** 40
Sentence: If no matches are found, the HATS-GUI shall display a message stating "No Match Found."
Issue: Passive Voice
Active Voice: Someone shall display no matches a message stating " No Match Found If If no matches are found.

File: 2001 - hats.pdf | **Page:** 40
Sentence: [SRSreq 143] When searching for text patterns, search begins at the current keyboard cursor location and continues left-to-right, top-to-bottom until the end of the text is encountered.
Issue: Passive Voice
Active Voice: Someone began search for text patterns at the current keyboard cursor location and Someone continues the end of the text to - right to - bottom of the text.

File: 2001 - hats.pdf | **Page:** 40
Sentence: When the end of the text is encountered, search will continue from the start of the text until arriving back at the starting location.
Issue: Passive Voice
Active Voice: Someone will continue the end of the text of the text from the start of the text until arriving back at the starting location.

File: 2001 - hats.pdf | **Page:** 40
Sentence: Pretty-printed text is generated from the terminal nodes of an SDT by applying a pretty-print style to an SDT.
Issue: Passive Voice
Active Voice: Someone generates pretty - printed text from the terminal nodes of an SDT a pretty - print style to an SDT.

File: 2001 - hats.pdf | **Page:** 40
Sentence: No additional white space shall be inserted, and a fixed width font shall be used to display the text.
Issue: Passive Voice
Active Voice: Someone shall insert no additional white space and Someone shall use a fixed width font the text.

File: 2001 - hats.pdf | **Page:** 40
Sentence: [SRSreq 146] Selected pretty-printed text shall be displayed in a separate window.
Issue: Passive Voice
Active Voice: Someone shall display selected pretty - printed text in a separate window.

File: 2001 - hats.pdf | **Page:** 40
Sentence: The search criteria are described in Appendix F.
Issue: Passive Voice
Active Voice: Someone describes the search criteria in Appendix F.

File: 2001 - hats.pdf | **Page:** 40
Sentence: The user shall be prompted to enter a text string describing a string pattern.
Issue: Passive Voice
Active Voice: Someone shall prompt the user a text string describing a string pattern.

File: 2001 - hats.pdf | **Page:** 40
Sentence: When a match is found, the HATS-GUI shall highlight the matching text and center the display on the left-most element of the matching text.
Issue: Passive Voice
Active Voice: Someone shall highlight a match the matching text and Someone centerred something the display on the left - most element of the matching text.

File: 2001 - hats.pdf | **Page:** 40
Sentence: The keyboard cursor shall be set to this location.
Issue: Passive Voice
Active Voice: Someone shall set the keyboard cursor to this location.

File: 2001 - hats.pdf | **Page:** 40

Sentence: If no matches are found, the HATS-GUI shall display a message stating "No Match Found."
Issue: Passive Voice
Active Voice: Someone shall display no matches a message stating " No Match Found If If no matches are found.

File: 2001 - hats.pdf | **Page:** 40
Sentence: [SRSreq 149] When searching for text patterns, search begins at the location of the keyboard cursor and continues left-to-right, top-to-bottom until the end of the text is encountered.
Issue: Passive Voice
Active Voice: Someone began search for text patterns at the location of the keyboard cursor and Someone continues the end of the text to - right to - bottom of the text.

File: 2001 - hats.pdf | **Page:** 40
Sentence: When the end of the text is encountered, search will continue from the start of the text until arriving back at the starting location.
Issue: Passive Voice
Active Voice: Someone will continue the end of the text of the text from the start of the text until arriving back at the starting location.

File: 2001 - hats.pdf | **Page:** 40
Sentence: This display area shall be initially clear, and shall contain all error messages generated by HATS-SML since the HATS-GUI was started.
Issue: Passive Voice
Active Voice: This display area shall be initially clear , and HATS - SML shall contain the HATS - GUI all error messages generated by HATS - SML.

File: 2001 - hats.pdf | **Page:** 40
Sentence: [SRSreq 152] Errors shall not be displayed until requested by the user.
Issue: Passive Voice
Active Voice: The user not shall display Errors.

File: 2001 - hats.pdf | **Page:** 40
Sentence: Searching, selecting, and cursor location motion should be mirrored in the two windows.
Issue: Passive Voice
Active Voice: Someone searched something and Someone should mirror cursor location motion in the two windows.

File: 2001 - hats.pdf | **Page:** 40
Sentence: Searching, selecting, and cursor location motion should be mirrored in the two windows.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 40
Sentence: Specifically, when a node is selected in the displayed graph, the corresponding text in the pretty-print window is highlighted.
Issue: Passive Voice
Active Voice: Someone highlights the corresponding text in the pretty - print window in the displayed graph , in the pretty - print window.

File: 2001 - hats.pdf | **Page:** 41
Sentence: Selecting, and cursor location motion should be mirrored in the two windows.
Issue: Passive Voice
Active Voice: Someone selected something and Someone should mirror cursor location motion in the two windows.

File: 2001 - hats.pdf | **Page:** 41
Sentence: Selecting, and cursor location motion should be mirrored in the two windows.

Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 41
Sentence: Specifically, when text is selected in the text window, the displayed nodes corresponding nodes in the SDT are highlighted.
Issue: Passive Voice
Active Voice: Someone highlights the displayed nodes corresponding nodes in the SDT in the text window in the SDT.

File: 2001 - hats.pdf | **Page:** 41
Sentence: The user shall not be required to log in or authenticate his/her identity when using the system.
Issue: Passive Voice
Active Voice: Someone not shall require the user his / her identity the system.

File: 2001 - hats.pdf | **Page:** 41
Sentence: 3.3.2.2 Portability It is intended that the HATS-GUI run on any platform that supports ML and Java.
Issue: Passive Voice
Active Voice: Someone intends portability It on any platform that supports ML and Java ..

File: 2001 - hats.pdf | **Page:** 41
Sentence: HATS-SML version 2.0 is intended to eliminate non-portable communications techniques.
Issue: Passive Voice
Active Voice: Someone intends hats - SML version 2.0 non - portable communications techniques.

File: 2001 - hats.pdf | **Page:** 41
Sentence: The system shall be implemented in the Java 1.3 programming language.
Issue: Passive Voice
Active Voice: Someone shall implement the system in the Java 1.3 programming language.

File: 2001 - hats.pdf | **Page:** 41
Sentence: [SRSreq 166] One algorithm for displaying an SDT has been implemented and found to be unacceptable: • Draw SDT into large virtual window with a smaller viewing area; • Zoom in on portions of the tree; This algorithm results in excessive memory usage and slow performance.
Issue: Passive Voice
Active Voice: Someone has implement one algorithm for displaying an SDT for displaying an SDT and Someone •ed something unacceptable Draw SDT into large virtual window with a smaller viewing area in on portions of the tree in excessive memory usage and slow performance ..

File: 2001 - hats.pdf | **Page:** 41
Sentence: This algorithm shall not be used in the HATS-GUI. 3.4.
Issue: Passive Voice
Active Voice: Someone not shall use this algorithm in the HATS - GUI 3.4.

File: 2001 - hats.pdf | **Page:** 49
Sentence: Software Requirements Specification Software Requirements Specification CS4311 Date: 11/01/2001 Page 49 7. Appendix D: HATS-SML Communication Protocol HATS-SML is a collection of programs that are invoked with command line arguments.
Issue: Passive Voice
Active Voice: Software Requirements Specification Software Requirements Specification CS4311 Date: 11/01/2001 Page 49 7. Appendix D: HATS-SML Communication Protocol HATS-SML is a collection of programs that are invoked with command line arguments.

File: 2001 - hats.pdf | **Page:** 49
Sentence: A description of each file is given following Table 7.

Issue: Passive Voice
Active Voice: Someone gives a description of each file of each file following Table 7.

File: 2001 - hats.pdf | **Page:** 49
Sentence: MakeParser generates a parser file for translation language programs that is written to the file path specified by the third argument (parser-program).
Issue: Passive Voice
Active Voice: The third argument (parser - program generate that a parser file for translation language programs that is written to the file path specified by the third argument (parser - program.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The parser-program file must have been generated previously by MakeParser.
Issue: Passive Voice
Active Voice: MakeParser must generate the parser - program file.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The parser-program file must have been generated previously by MakeParser.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 49
Sentence: This file is written to the path specified by the third argument (targetSDT).
Issue: Passive Voice
Active Voice: The third argument (targetSDT write this file to the path specified by the third argument (targetSDT.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The tlp-parser file must have been generated previously by MakeParser.
Issue: Passive Voice
Active Voice: MakeParser must generate the tlp - parser file.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The tlp-parser file must have been generated previously by MakeParser.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 49
Sentence: This file is written to the path specified by the third argument (programSDT).
Issue: Passive Voice
Active Voice: The third argument (programSDT write this file to the path specified by the third argument (programSDT.

File: 2001 - hats.pdf | **Page:** 49
Sentence: This program returns 0 if the programSDT file generation is successful FindTargets Generate a list of target files that are used as inputs for a transformation language program.
Issue: Passive Voice
Active Voice: Someone generates that 0 successful FindTargets < program > a list of target files that are used as inputs for a transformation language program if if the programSDT file generation is successful FindTargets < program > <.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The target file names are listed in the file and are written, one file name per line, to the file .
Issue: Passive Voice
Active Voice: Someone lists the target file names in the file < program and Someone writes something per line to the file < targetlist >.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The output files are written according to path names embedded in the program.

Issue: Passive Voice
Active Voice: Someone writes the output files according to path names embedded in the program.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The sequence is depicted below.
Issue: Passive Voice
Active Voice: Someone depicts the sequence.

File: 2001 - hats.pdf | **Page:** 49
Sentence: The HATS-GUI provides the path names of input and output files (as command line arguments when the request is passed to the host operating system).
Issue: Passive Voice
Active Voice: Someone provided the HATS - GUI the path names of input and output files (as command line arguments when the request is passed to the host operating system) ..

File: 2001 - hats.pdf | **Page:** 49
Sentence: Error messages, if they are generated by the HATS-SML process, are written to the standard error stream for the process.
Issue: Passive Voice
Active Voice: The HATS - SML process write them to the standard error stream for the process if if they are generated by the HATS - SML process.

File: 2001 - hats.pdf | **Page:** 51
Sentence: Search in SDTs is done on tokenized strings.
Issue: Passive Voice
Active Voice: Someone dos search in SDTs in SDTs on tokenized strings.

File: 2001 - hats.pdf | **Page:** 51
Sentence: SDT searching is a function performed by the GUI in which a selected SDT is searched for occurrences of a specified "pattern".
Issue: Passive Voice
Active Voice: SDT searching is a function performed by the GUI in which a selected SDT is searched for occurrences of a specified "pattern".

File: 2001 - hats.pdf | **Page:** 51
Sentence: Some facility should be provided for "first match", "next match", and so on.
Issue: Passive Voice
Active Voice: Someone should provide some facility " next match " , for " first match " and so on ..

File: 2001 - hats.pdf | **Page:** 51
Sentence: Some facility should be provided for "first match", "next match", and so on.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 51
Sentence: The location in the SDT where a match occurs should be brought into view and highlighted in the SDT display window.
Issue: Passive Voice
Active Voice: Someone should bring the location in the SDT where a match occurs in the SDT where a match occurs into view and Someone highlighted something in the SDT display window.

File: 2001 - hats.pdf | **Page:** 51
Sentence: The location in the SDT where a match occurs should be brought into view and highlighted in the SDT display window.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 51

Sentence: Also, the corresponding text should be highlighted in the text window that is associated with the SDT display window.
Issue: Passive Voice
Active Voice: Someone should highlight that in the text window that is associated with the SDT display window.

File: 2001 - hats.pdf | **Page:** 51
Sentence: Also, the corresponding text should be highlighted in the text window that is associated with the SDT display window.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 51
Sentence: , the well-formed SDT strings of N are defined recursively by the following.
Issue: Passive Voice
Active Voice: The following define the well - formed SDT strings of N of N.

File: 2001 - hats.pdf | **Page:** 51
Sentence: Assume that a target program contains a non-terminal β and the string α has been derived from β.
Issue: Passive Voice
Active Voice: Someone assumed a target program a non - terminal and Someone has derive α from β.

File: 2001 - hats.pdf | **Page:** 51
Sentence: We say that α is derived from β. 8.2.3.
Issue: Passive Voice
Active Voice: Someone says α from β . 8.2.3.

File: 2001 - hats.pdf | **Page:** 51
Sentence: Searching Given a search pattern ω, the GUI should highlight the smallest derivation string α containing ω.
Issue: Conditional Modal

File: 2001 - hats.pdf | **Page:** 52
Sentence: F> | F: 0 | 1 | … | 9 | ( ) Suppose we have the string (7 * (3 + 6)) * 8 A syntax derivation tree for this expression given this grammar (where all the tokens are single characters) is given below.
Issue: Passive Voice
Active Voice: Someone supposes 7 * (3 + 6)) * 8 A syntax derivation tree for this expression given this grammar (where all the tokens are single characters) | 1 | the string (for this expression given this grammar (where all the tokens are single characters).

File: 2001 - hats.pdf | **Page:** 52
Sentence: The nodes are numbered with a subscript to assist in identification for this example.
Issue: Passive Voice
Active Voice: Someone numbers the nodes with a subscript to assist in identification for this example.

File: 2001 - hats.pdf | **Page:** 53
Sentence: Each of these strings is derived from "".
Issue: Passive Voice
Active Voice: Someone derives each of these strings of these strings from " < E > ".

File: 2001 - hats.pdf | **Page:** 54
Sentence: A search string is a sequence of characters which includes the special characters $, *, [,], \, and ^. A sub-string in text being searched matches a search string if, reading left to right in both strings, there is a character or a set of characters in the sub-string that matches, in order and

without skipping any characters, the characters in the search string.
Issue: Passive Voice
Active Voice: A search string is a sequence of characters which includes the special characters $, * , [,] , \ , and Someone is matching a sub - string in text in text a search string to right in both strings a character or a set of characters in the sub - string that matches in order if if , reading left to right in both strings , there is a character or a set of characters in the sub - string that matches , and without skipping any characters , the characters in the search string ..

File: 2001 - hats.pdf | **Page:** 54
Sentence: "abc $def geh" matches the search string "abc \$def" Other characters that must be preceded by a "\" are "\", "*", "^", "[", and "]".
Issue: Passive Voice
Active Voice: A " \ " must match that the search string " abc \$def " Other characters that must be preceded by a " \ " " \ ^ " and "] " . .

File: 2001 - hats.pdf | **Page:** 54
Sentence: "abc $def geh" matches the search string "abc \$def" Other characters that must be preceded by a "\" are "\", "*", "^", "[", and "]".
Issue: Conditional Modal