

What is claimed is:

1. A workshop assistance system configured as a computer including:
 - a processing device that executes a predetermined process;
 - a storage device connected to the processing device; and
 - a communication interface connected to the processing device,the computer is accessible to issue case data including case information, the workshop assistance system comprising:
 - automatically crawl web pages containing a preset keyword related to an issue and store sentence information a uniform resource locator (URL), and a title of each web page as a plurality of case entries of the issue case data,
 - determine whether each case entry is used as teacher data for classifying information of the corresponding case entry,
 - generate a machine learning model for classifying the information of each case entry using the stored issue case data determined to be used as the teacher data,
 - classify each case entry of the issue case data using generated machine learning model into a category;
 - an issue case search module allowing the processing device to collect text corresponding to contents of discussions of participants for each preset perspective, store the text in text data, and calculate an evaluation value from a degree of similarity between the text data and issue case data; and
 - an issue case evaluation module allowing the processing device to determine an output mode of the issue case data based on the evaluation value;

wherein

- the computer has search perspective information including an importance level of each perspective set according to a category of a theme of a workshop, and

- the issue case evaluation module calculates a comprehensive evaluation

value from the evaluation value and the importance level and determines an output mode of the issue case data based on the comprehensive evaluation value.

2. The workshop assistance system according to claim 1, wherein the issue case evaluation module calculates a sum of values obtained by multiplying the evaluation value for each perspective by the importance level for each perspective as the comprehensive evaluation value, and determines the output mode of the issue case data based on the comprehensive evaluation value.

3. The workshop assistance system according to claim 1, wherein the text data includes text generated by voice recognition of speech data collected from the contents of the discussions of the participants, and the issue case search module divides and stores the speech data when a predetermined trigger is included in the contents of the discussions of the participants.

4. The workshop assistance system according to claim 1, wherein the issue case evaluation module determines an output order of the issue case data according to a magnitude of the evaluation value as the output mode.

5. The workshop assistance system according to claim 4, wherein the issue case evaluation module groups the issue case data according to a category as the output mode.

6. The workshop assistance system according to claim 5, wherein the category of the issue case data has a major category and a medium category, and the medium category is output in an order corresponding to a preset economic loss.

7. A workshop assistance method executed by a computer, the computer including:

a processing device that executes a predetermined process;
a storage device connected to the processing device; and
a communication interface connected to the processing device,
the computer is accessible to issue case data including case information,
the workshop assistance method comprising:
automatically crawl web pages containing a preset keyword related to an
issue and store sentence information a uniform resource locator (URL),
and a title of each web page as a plurality of case entries of the issue
case data,
determine whether each case entry is used as teacher data for classifying
information of the corresponding case entry,
generate a machine learning model for classifying the information of each
case entry using the stored issue case data determined to be used as the
teacher data,
classify each case entry of the issue case data using generated machine
learning model into a category;
an issue case search step of allowing the processing device to collect
text corresponding to contents of discussions of participants for each preset
perspective, store the text in text data, and calculate an evaluation value from a
degree of similarity between the text data and issue case data; and
an issue case evaluation step of allowing the processing device to
determine an output mode of the issue case data based on the evaluation value;

wherein

the computer has search perspective information including an
importance level of each perspective set according to a category of a theme of a
workshop, and

the issue case evaluation step involves calculating a comprehensive
evaluation value from the evaluation value and the importance level and
determining an output mode of the issue case data based on the comprehensive
evaluation value.

8. The workshop assistance method according to claim 7, wherein
the issue case evaluation step involves calculating a sum of values obtained by multiplying the evaluation value for each perspective by the importance level for each perspective as the comprehensive evaluation value, and determining the output mode of the issue case data based on the comprehensive evaluation value.
9. The workshop assistance method according to claim 7, wherein
the text data includes text generated by voice recognition of speech data collected from the contents of the discussions of the participants, and
the issue case search step involves dividing and storing the speech data when a predetermined trigger is included in the contents of the discussions of the participants.
10. The workshop assistance method according to claim 7, wherein
the issue case evaluation step involves determining an output order of the issue case data according to a magnitude of the evaluation value as the output mode.
11. The workshop assistance method according to claim 10, wherein
the issue case evaluation step involves grouping the issue case data according to a category as the output mode.
12. The workshop assistance method according to claim 11, wherein
the category of the issue case data has a major category and a medium category, and the medium category is output in an order corresponding to a preset economic loss.