CLAIMS

1. A system to emulate manual filing system for storing and processing document that operates on Relational Database Management System (RDBMS), comprising;

a String Template (1) having at least one details of document number, number of sections and number of rows defined based on at least one Input;

a String Module (2) for generate a Electronic Document (eDoc) (11) having at least one Electronic Document Identifier (eDoc-Identifier), Section, Rowtype and Column by validating the document number, number of sections and number of rows based on the String Template (1); and

a Extraction Module (3) for extracting the Electronic Document Identifier (eDoc-Identifier), Section, Rowtype and Column of Electronic Document (eDoc) (11) generated by the String Module (2) for retrieval process,wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

a Retrieval Module (4) for retrieving at least one Retrieved Data from the data of Electronic Document (eDoc) (11) stored in the database based on at least one Input of the Section, Rowtype and Column;

a Updating Module (5) for updating the Retrieved Data of Electronic Document (eDoc) (11) and store at least one Updated Data to the database based on the Input of Section, Rowtype and Column defined; and

a Formation Module (6) for forming the updated Electronic Document (eDoc) (11) by retrieving the Updated Data based on the Input of Section, Rowtype and Column.

2. A system according to claim 1, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

a Paging Module (7) for append Electronic Document (eDoc) (11) in the database into at least one Electronic File (eFile) (13) according to a predefined Page limit; and

a Indexing Module (8) for forming at least one Index to the Electronic File (eFile) (13) based-on document identifier, date, end sequence number, document status, document offset and document length.

3. A system according to claim 2, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

a Read Module (9) for retrieving the Index and at least one Data Relative Page (Page 0) of the Electronic File (eFile) (13) based on at least one Read Input to at least one Output.

4. A system according to claim 1, 2 and 3, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

a Mapping Module (10) for updating at least one Retrieved Data based on at least one Mapping Input by determining the Electronic File (eFile) (13) using the Read Module (9) to retrieve the Retrieved Data of Electronic Document (eDoc) (11) using the Retrieval Module (4), in which the Updating Module (5) update the Retrieved Data to the database and forming the Retrieved Data into the Electronic Document (eDoc) (11) using the Formation Module (6) for updating into at least one Electronic File (eFile) (13) using Paging Module (7) and forming at least one Index using the Indexing Module (8).

5. A system according to claim 3, wherein Mapping Input further comprising;

at least one Mapping Instruction having predefined mapping instruction; and

at least one Source Data for updating the Retrieved Data of Electronic Document (eDoc) (11).

6. A method to emulate manual filing system by storing and processing document that operates on Relational Database Management System (RDBMS), comprising steps of;

creating a template using a String Template (1) by defining a new document and indicate number of sections and number of rows required, which will be defined by an input from a user or a database.

generating a Electronic Document (eDoc) (11) having at least one Electronic Document Identifier (eDoc-Identifier), Section and Rowtype by validating the document number, number of sections and number of rows based on the String Template (1) using a String Module (2); and

extracting the Electronic Document Identifier (eDoc-Identifier), Section and Rowtype of Electronic Document (eDoc) (11) generated by the String Module (2) for retrieval process using a Extraction Module (3),

wherein extracting the Electronic Document Identifier (eDoc-Identifier) further comprising steps of;

validating if there is section defined in the input;

creating a new section and define or classify (label) the section if it is the 1st Section in the input,

validating if there is any Rowtype defined in the input, if there is Rowtype defined in the input,

creating a new Rowtype based on a Predefined Dictionary, if there is Rowtype defined in the input;

validating if there is any other Section or Rowtype defined in the input for further processing; and

generating the eDoc template string with a document number, if there no other Section or Rowtype defined in the input.

7. A method according to claim 6, further comprising steps of;

retrieving at least one Retrieved Data from the data of Electronic Document (eDoc) (11) stored in the database based on at least one Input of the Section, Rowtype and Column using a Retrieval Module (4);

updating the Retrieved Data of Electronic Document (eDoc) (11) and store at least one Updated Data to the database based on the Input of Section, Rowtype and Column defined using a Updating Module (5); and

forming the updated Electronic Document (eDoc) (11) by retrieving the Updated Data based on the Input of Section, Rowtype and Column using a Formation Module (6).

8. A method according to claim 7, wherein retrieving a Electronic Document (eDoc) (11) String using a Retrieval Module (4) further comprising steps of;

validating if there is section defined in the eDoc;

splitting the section into Rowtype for further processing;

splitting Rowtype into column of data; and

storing the column of data into a Database.

9. A method according to claim 8, wherein the column of data will be stored into a Database further comprising steps of;

validating if there is any other Section or Rowtype defined in the input for further processing;

validating If there no other Section or Rowtype defined in the input; and

processing for retrieval of data in the Column.

10. A method according to claim 7, wherein Validating Section and Rowtype using the Updating Module (5) further comprising steps of;

validating if valid section is determined;

validating if valid Rowtype is determined;

locating the row index and column index;

updating to the located row index and column index based on the input received; and

storing the updated data will be stored into a Database.

11. A method according to claim 6, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising ;

appending Electronic Document (eDoc) (11) in the database into at least one Electronic File (eFile) (13) according to a predefined Page limit using a Paging Module (7); and

forming at least one Index to the Electronic File (eFile) (13) based-on document identifier, date, end sequence number, document status, document offset and document length using a Indexing Module (8).

12. A method according to claim 11, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

retrieving the Index and at least one Data Relative Page (Page 0) of the Electronic File (eFile) (13) based on at least one Read Input to at least one Output using a Read Module (9).

13. A method according to claim 12, wherein storing and processing document that operates on Relational Database Management System (RDBMS) further comprising;

updating at least one Retrieved Data using a Mapping Module (10) based on at least one Mapping Input by determining the Electronic File (eFile) (13) using the Read Module (9) to retrieve the Retrieved Data of Electronic Document (eDoc) (11) using the Retrieval Module (4), in which the Updating Module (5) update the Retrieved Data to the database and forming the Retrieved Data into the Electronic Document (eDoc) (11) using the Formation Module (6) for updating into at least one Electronic File (eFile) (13) using Paging Module (7) and forming at least one Index using the Indexing Module (8).

14. A method according to claim 13, wherein Mapping Input further comprising ;

defining the Electronic File (eFile) (13) location using at least one Mapping Instruction having predefined mapping instruction; and

updating the Retrieved Data of Electronic Document (eDoc) (11) using at least one Source Data.

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