CLAIMS

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

a Electronic Document (eDoc) (11) having at least one Electronic Document Identifier (eDoc-Identifier), Section, Rowtype and Column;

a Electronic Form (eForm) Generator Module to create at least one Electronic Form (eForm) having a Predefined Program based on a Electronic Dictionary (eDict) data;

a Flow Diagram having pre-compiled task program set by at least one user;

a Electronic Business Processing Module (eBPM) Generator to generate at least one task program based on the Flow Diagram to be stored into the Electronic Document (eDoc) (11);

a Mapping Generator Module to generate data mapping program based on a graphical information;

a Transaction Processing Module to store the generated Mapping Program;

a System Generator Module to generate process control and business rules into pre-compiled program using Electronic Business Processing Module (eBPM);

a Virtual Memory for storing the Electronic Document (eDoc) (11); and

a Web-Read Module (4) for retrieving the Electronic Document (eDoc) (11) from the Virtual Memory based on at least one identifier of Electronic Document (eDoc) (11).

2. A system according to claim 1, wherein the Web-Read Module (4) for retrieving the Electronic Document (eDoc) (11), further comprising;

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

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

a Read Module (9) to obtain the Index and at least one Data Relative Page of the Electronic File (eFile) from the Index Module (8) based on the identifier, in which the Electronic Document (eDoc) (11) retrieved from the Paging Module (7) based on the retrieved Index and Data Relative Page to be stored in the Virtual Memory and update the Index Module (8).

3. A system according to claim 1, wherein the identifier of Electronic Document (eDoc) (11) comprising the Electronic Document Identifier (eDoc-Identifier), Section, Rowtype and Column.

4. A system according to claim 2, wherein the identifier of Electronic Document (eDoc) (11) comprising document identifier, date, end sequence number, document status, document offset and document length.

5. A system according to claim 1, further comprising; a Enquiry Module for retrieving a pluralities of Electronic Document (eDoc) (11) information based on at least one Information for the Electronic Document Identifier (eDoc-Identifier), Section, Rowtype and Column of Electronic Document (eDoc) (11), in which the retrieved Electronic Document (eDoc) (11) information having at least one file history display into at least one list form.

6. A system according to claim 5, wherein the list form having at least one predefined information for each document.

7. A system according to claim 5, wherein the Enquiry Module, further comprising a Editing Module to load the retrieved Electronic Document (eDoc) (11) for updating the retrieved Electronic Document (eDoc) (11) and store at least one Updated Data to the Virtual Memory.

8. A system according to claim 5, wherein the Enquiry Module, further comprising a Viewing Module to load the retrieved Electronic Document (eDoc) (11) for viewing the retrieved Electronic Document (eDoc) (11).

9. A system according to claim 5, wherein the Enquiry Module further includes a Searching Module, wherein the Searching Module retrieves the Electronic Document (eDoc) (11) using the Web-Read Module (4) based-on at least one Index, in which the index is retrieved from the identifier of Electronic Document (eDoc) (11) comprising document identifier, date, end sequence number, document status, document offset and document length.

10. A system according to claim 1, wherein the Web-Read Module (4) further includes a Uploading Module to upload the Electronic Document (eDoc) (11) based the identifier of Electronic Document (eDoc) (11), in which the Uploading Module establish connection to at least one server having RDBMS and update the RDBMS with the uploaded Electronic Document (eDoc) (11).

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

obtaining a login authentication based on at least one user input;

validating the login authentication of the user with at least one login details in a database;

retrieving at least one user security matrix information of the valid user stored in the database; and

displaying a menu having at least one list of predefined program stored in the database based on the user security matrix information,

wherein displaying at least one selection menu stored in the database based on the user's security matrix information, further comprising steps of;

loading at least one Electronic Business Processing Module (eBPM) Generator having a predefined program, if the user selected from the displayed menu;

loading at least one Electronic Form (eForm) Generator Module having a predefined program, if the user selected from the displayed menu; and

logging out and update the logout request time to the database, if the user selected from the displayed menu,

wherein Loading at least one Electronic Business Processing Module (eBPM) Generator having a predefined program, further comprising steps of;

displaying a menu having at least one list of predefined program stored in the Electronic Business Processing Module (eBPM) Generator;

creating at least one workflow program, if the user selected from the displayed menu;

saving the workflow program, if the user selected from the displayed menu;

loading at least one predefined workflow program, if user selected from the displayed menu; and

exiting the predefined program of Electronic Business Processing Module (eBPM) Generator, if the user selected from displayed menu.

12. A method according to claim 11, creating at least one workflow program, further comprising steps of;

displaying a menu having Start Component, End Component, Condition Component, Flow Component and Save Component stored in the database;

generating a Start Component for workflow program based the user input, if the user selected from the displayed menu;

generating a End Component for workflow program based the user input, if the user selected from the displayed menu;

generating at least one Condition Component for workflow program based the user input, if the user selected from the displayed menu;

generating at least one Flow Component for workflow program based the user input, if the user selected from the displayed menu; and

saving the generated components for workflow program, if the user selected from the displayed menu.

13. A method according to claim 11, saving the workflow program, further comprising steps of;

extracting flow information from the workflow diagram;

generating a graphical information from the flow information;

storing the graphical information by using the Transaction Processing Module;

generating a predefined program for at least one task of graphical information;

integrating a mapping information for the task of graphical information using the Transaction Processing Module; and

storing the mapped task using the Transaction Processing Module.

14. A method according to claim 11, loading at least one predefined workflow program, further comprising steps of;

displaying a menu having Design Program, Metering Program and View Program stored in the workflow program;

authorizing the user to edit at least one predefined task properties stored in the workflow program, if the user selected the Design Program from displayed menu;

verifying operational workflow for the predefined task using a Retrieval Module, if the user selected the Metering Program from displayed menu; and

displaying all of the predefined task, if the user selected the View Program from displayed menu.

15. A method according to claim 13, integrating a mapping information for the task of graphical information using the Transaction Processing Module, further comprising steps of;

receiving the mapping instruction from a Mapping Program;

extracting a mapping instruction contains mapping level, Source and Destination Row Identifier;

interpreting the mapping instruction if the mapping is at Row or Column level of mapping level;

validating if the mapping is at Row level;

retrieving a Source and Destination Row eDicts using Read Module (9), if there is mapping at Row level;

identifying a matching Source and Destination Column Name between the retrieved Source and Destination Row eDicts;

verifying, if Source and Destination Column Name are matched;

adding the matching Source and Destination Column pair into a temporally list, if Source and Destination Column Name are matched;

validating if there are more column to match;

validating if the mapping is at Column level;

retrieving the Source and Destination Row eDicts using Read Module (9), if the mapping is at Column level;

translating the Column Name into actual index based on the Row eDict retrieved;

generating the Mapping Program using the identified Source and Destination index;

generating at least one Condition and Computation based on mapping instruction received; and

storing the generated Mapping Program to the database using Transaction Processing Module.