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[Continued on next page]

(54) Title: WEB-PAGE-BASED SYSTEM FOR DESIGNING DATABASE DRIVEN WEB APPLICATIONS

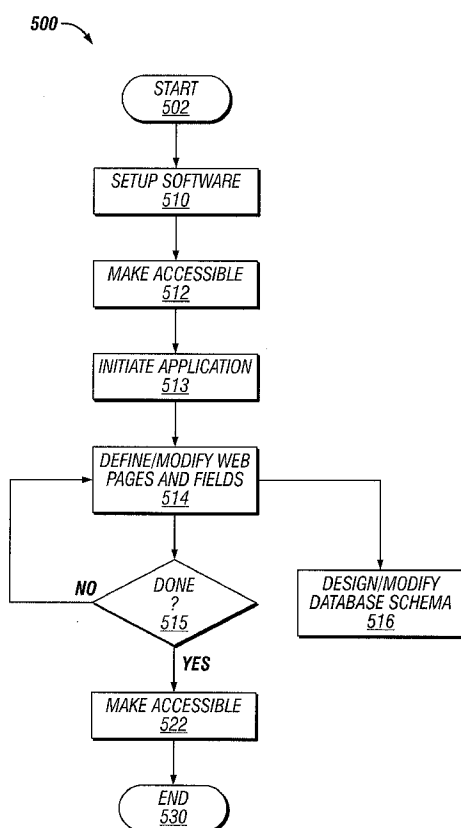


FIG. 5

(57) Abstract: In a web-page-based system for designing database driven web applications, a page is initiated containing one or more top level iterators. A user introduces fields to the page from a palette including: input, display, hyperlink, iterator. In one case, the user creates iterators nested in a user-selected iterator, and retaining context of the selected iterator, where the system accommodates iterators that are recursive. In an alternative embodiment, the user adds both display and entry fields pertaining to a given user-selected iterator, retaining context of the selected iterator. Responsive to user introduced fields, the system automatically creates representative data structures in a database and automatically relates fields of the pages to the data structures in accordance with a predetermined logic.



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A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 715/762,763

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 715/762,763

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7275216 B2 (Paoli et al.)25 September 25 2007 (25.09.2007), All Pages	1-35
A	US 7152207 B1 (Underwood et al) 19 Dec 2006 (19.12.2006) All pages	1-35
A	US 5850631 A (Golshani et al.) 15 Dec 1998 (15.12.1998), All Pages	1-35

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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