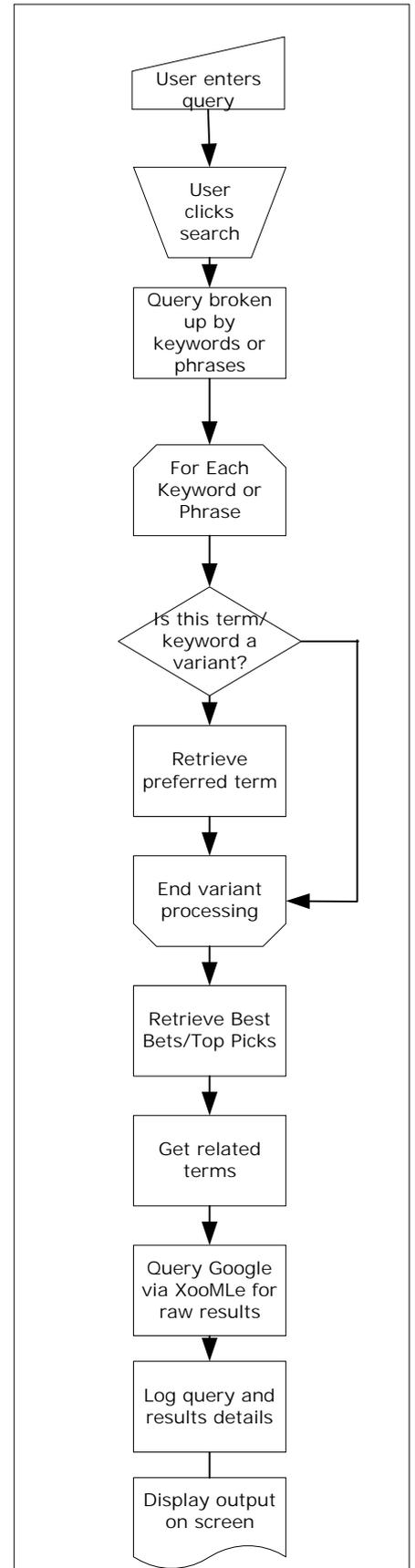# Search Supplement System

Currently, this search supplement system allows a website owner to add the **user-friendly** features of related terms ("**See Also**"), "**Best Bets**" (manually-selected pages which match specific keywords/phrases which may be searched) and **variant/ preferred term matching**.

By performing some simple processing of the search query at the website (before querying a stand-alone search engine), we are able to **provide additional functionality**, while **still supplying automated/ spider-driven results** from a stand-alone search engine. See the approximate process-flow to the right for more information about how the whole process fits together.

If you'd like to see the system in action, go to **http://www.dentedreality.com.au/search/** and try searching for "**blogger.com**". This should show all parts of this system in action, as described below;

❑ The search will be **refined to "blogger"** for the purpose of the site-processing,
❑ A number of **manually-selected pages** will be presented matching that search,
❑ **Related terms** (clickable to initiate another search) will be presented in the navigation panel to the left

If you'd like any more information about this project, please visit **http://www.dentedreality.com.au/ notes/projects/ia/search/** or email beau@dentedreality.com.au.

Current database schema for system

search_pages

PK	page_id
	title **url** description

search_related_terms

FK1	term_id related_term_id

search_term_page_link

FK2 FK1	page_id term_id priority

search_terms

PK	term_id
	term

search_variant_terms

PK	var_term_id
FK1	pref_term_id var_term

Approximate Processing Sequence
This diagram shows the approximate flow of processing required to integrate the Google search results with the "site-side" supplemental items of "Best Bets", "Related Terms" and "Variant->Preferred Matching".

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