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Design Framework for an Effective Search Engine by Analysis of Efficiency for All Available Search Engines Design Pattern.

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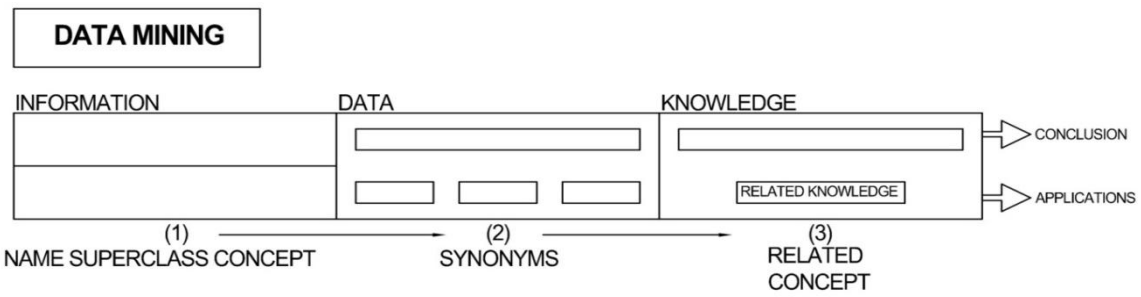
ABSTRACT:
Methodology: Research methodology is based on analyzes current search design pattern's quality of result, their disadvantages and how to overcome that with help of new concept of effective search pattern design.

Aim: For that is design a framework that should be more effective in knowledge as well applicable for all users and less time consuming with authenticate and qualitative information we get. It also gets broad vision, grasping and deep study as we want more in that.

INTRODUCTION:
Requirement for design new framework for search engine: This is era of information and more relevant source for use, is an internet. By the use of internet we reduce paper work as well less storage area requirement for millions of data. We can read text, listened view based learning from internet as per our choice. By use of mobile devise information accessible quickly and any time anywhere place. All such Information can access by different search engines. All search engines has their specific query result display pattern. We can make it more interesting by change in result display and knowledgeable learning application.
Problem or disadvantages of current search engine display result: Still mostly search results of query display as 10 blue links and some advertise and detail query word highlighted in description as well as title. Mostly user find their results from one page viewing all 10 links, but some time good answer resides on another page but unviewed by users. Thousands of query word related to match in results are improper an irrelevant. Visit all page is such a difficult task as well as time consuming. Pay per click become business rather than provide fruitful result. Disadvantage of current search engine is Page rank also given by payment rather than best quality of knowledge. In display design pattern of background graph create rolling confusion.
Goal forMining in query result: We can easily find thousands of query matching documents by different search engines. But our search goal is not of only query matching but also make understanding and broad vision of topic. Extracting best available knowledge, avoid malicious or repeated information as well retrieve dissimilar data and use best authenticate data from it. One specific current updating highlight shows related to given query. All this knowledge is reusable and renewable in future as best option available in growing list concept.



Priority of information: Grasping level of information is varying as per video is more preferable than audio and text or image information. If we learn qualitative memorize information as videos than why we should have to follow text information. We can use concept of aggregated search but priority decide as per sequence as per video, audio, image than text as per user need they can select best one. Because if information easily understand and grasp in less time by video than not all time need to follow other options. So in that context we can apply data mining on web database size.

User: This happens due to user unaware how to write a query for better answer in less time. Different kind of user has different behavior depend on what their goal and how intellectual they are. There lots of research available for better query utilization but still not perfectly applies in all area. Application for all users and as per their IQ level they find data as deeper to deeper level in wide area coverage. First of all display basic information regarding search query as well for more specification it give related options choice also we have to select as per our choice.

Available work study include there is lot of research work available in search engine area. Lots of work on make search engine more effective by time, language, query solved automatically by computer using semantic web, make ontology as per classification of query relations. Graph algorithms for display of data. Find malicious web pages and get only authenticate information etc. All such already available work we can combine in our work for better utilization of search engine display results.

WORK AREA:

Static web page framework: We can also design a common framework for any topic like area cover most probably of history, geography, polity, economy, science and culture as well current event containing past, present and future. Geographical are cover in deep by local, state, national and international importance. Characteristics of topic describe by advantage disadvantages, types, applications, features, importance, issues etc. Best available portals and web browser addresses list separation option regarding queries to help searcher who can anyone. Query box for related query. Highlighted if regarding it maps, books, PDF, PPT, MGZ, journals (other dis-highlight) Help user by specific query related other options display and choose more specific from it. Social site comments related – Gmail, tag it options on Face book etc., like page. Related terms highlighted or display in new colors.

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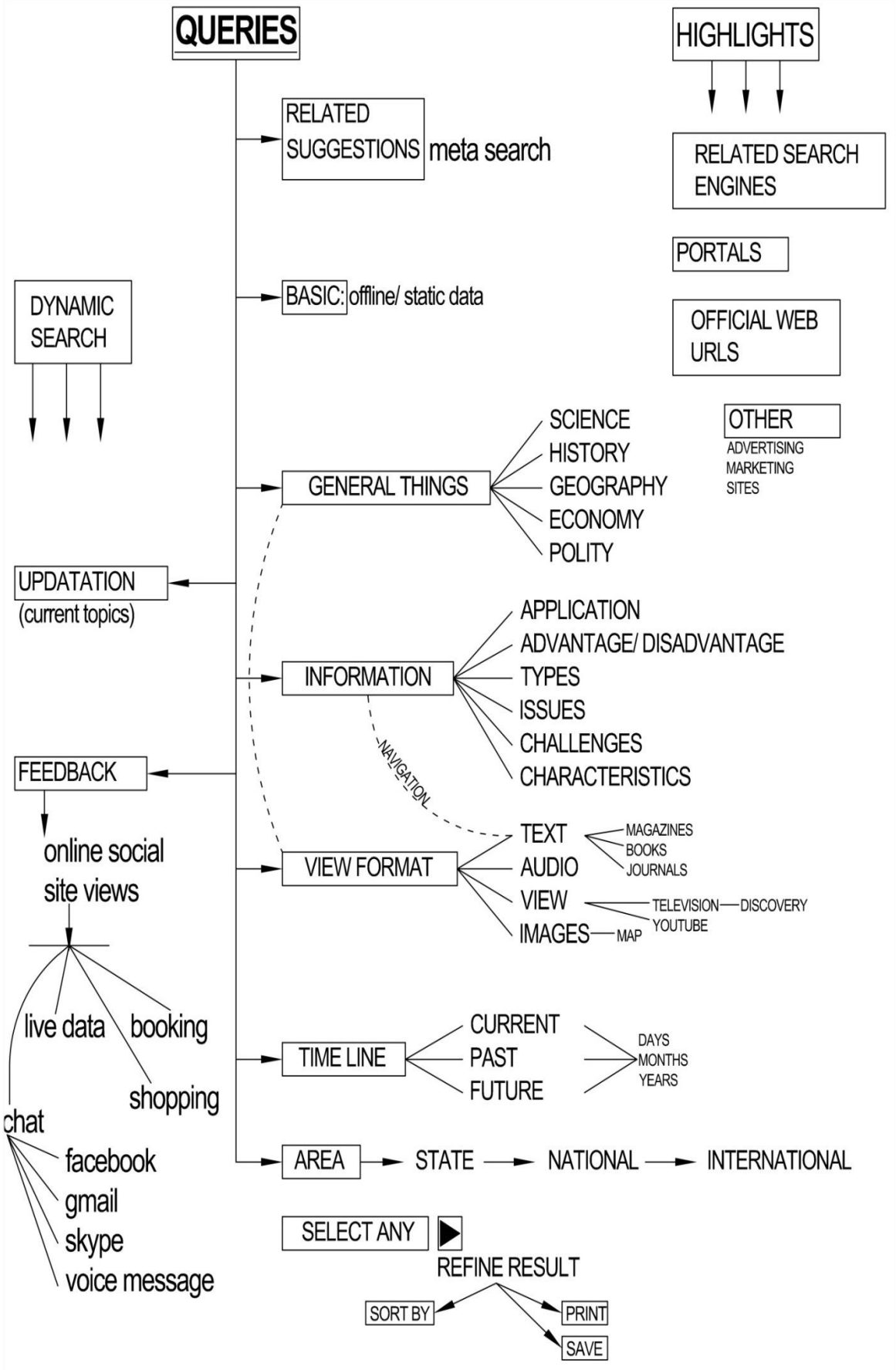
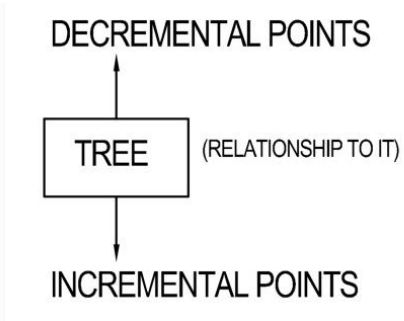
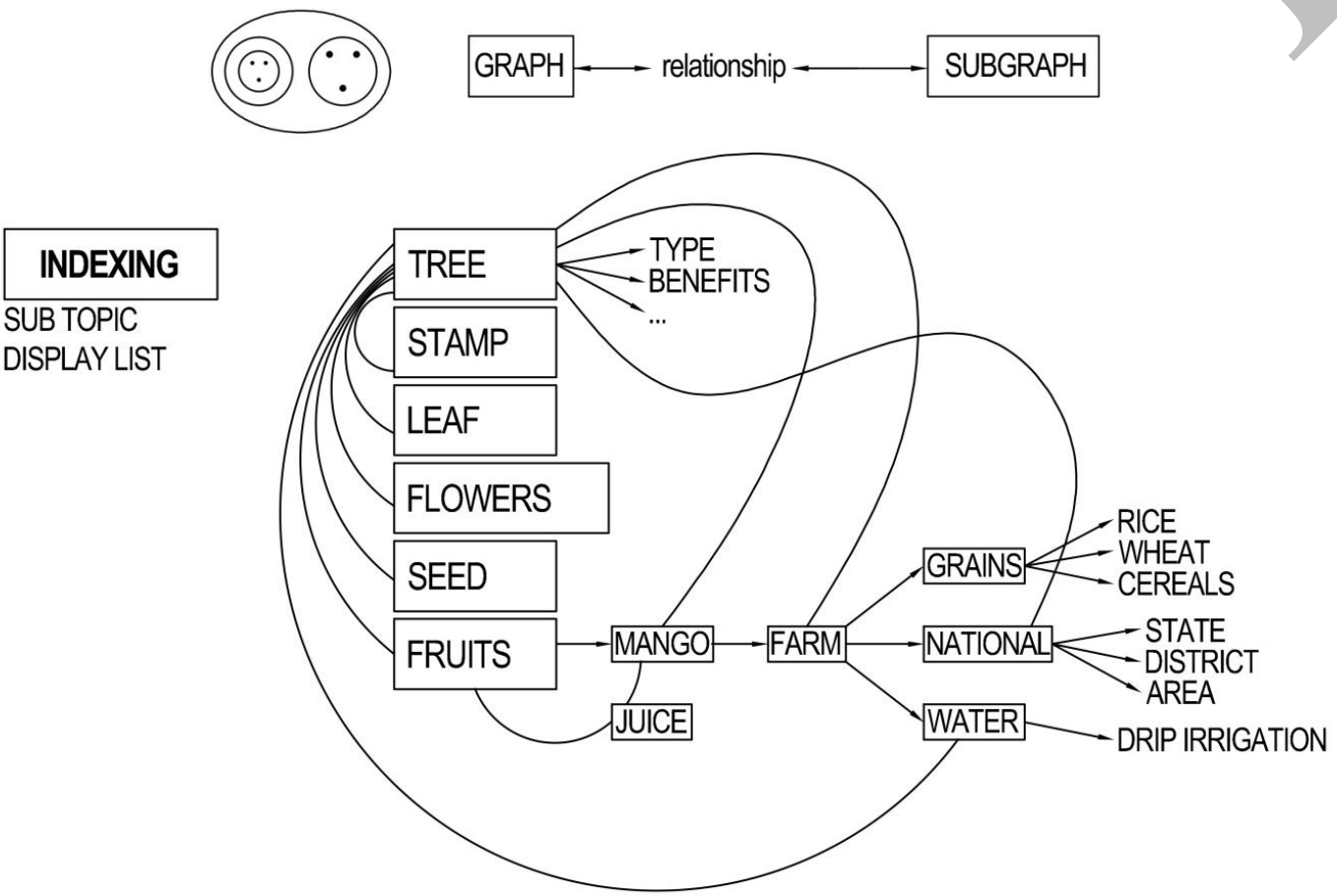

QUERIES
HIGHLIGHTS
RELATED SUGGESTIONS
meta search
RELATED SEARCH ENGINES
PORTALS
DYNAMIC SEARCH
BASIC:
offline/ static data
OFFICIAL WEB URLS
OTHER
ADVERTISING
MARKETING
SITES
GENERAL THINGS
SCIENCE
HISTORY
GEOGRAPHY
ECONOMY
POLITY
UPDATATION
(current topics)
INFORMATION
APPLICATION
ADVANTAGE/ DISADVANTAGE
TYPES
ISSUES
CHALLENGES
CHARACTERISTICS
NAVIGATION
FEEDBACK
online social site views
VIEW FORMAT
TEXT
MAGAZINES
BOOKS
JOURNALS
AUDIO
VIEW
TELEVISION
DISCOVERY
YOUTUBE
IMAGES
MAP
live data
booking
shopping
chat
facebook
gmail
skype
voice message
TIME LINE
CURRENT
PAST
FUTURE
DAYS
MONTHS
YEARS
AREA
STATE
NATIONAL
INTERNATIONAL
SELECT ANY
REFINE RESULT
SORT BY
PRINT
SAVE

DISPLAY DESIGN PATTERN:

Using effective display pattern like vertical or hierarchical representation of given information search e.g. Poster like view: one picture give lot of information within word. This for easy understand, broad vision of knowledge and thinking in less time consuming. Any given query highlighted in chart or graphs by its related upper boundaries topic as well as if available lower boundaries related to that. Information display point improves as per make it more interesting as per chart or graph view and indexing links as per deep knowledge.



Searching algorithms like graph and tree run in background and give user single image. Such algorithm also presents information as indexing data for easy understanding. Create ontology of topic classification query. Graph to sub graph relationship. Select best presentation option as per hierarchical or nonhierarchical data available. User unknown about jumping in graph to sub graph and sub graph to graph: navigational links available. For removing confusion only basic graph display of data about data that's metadata.

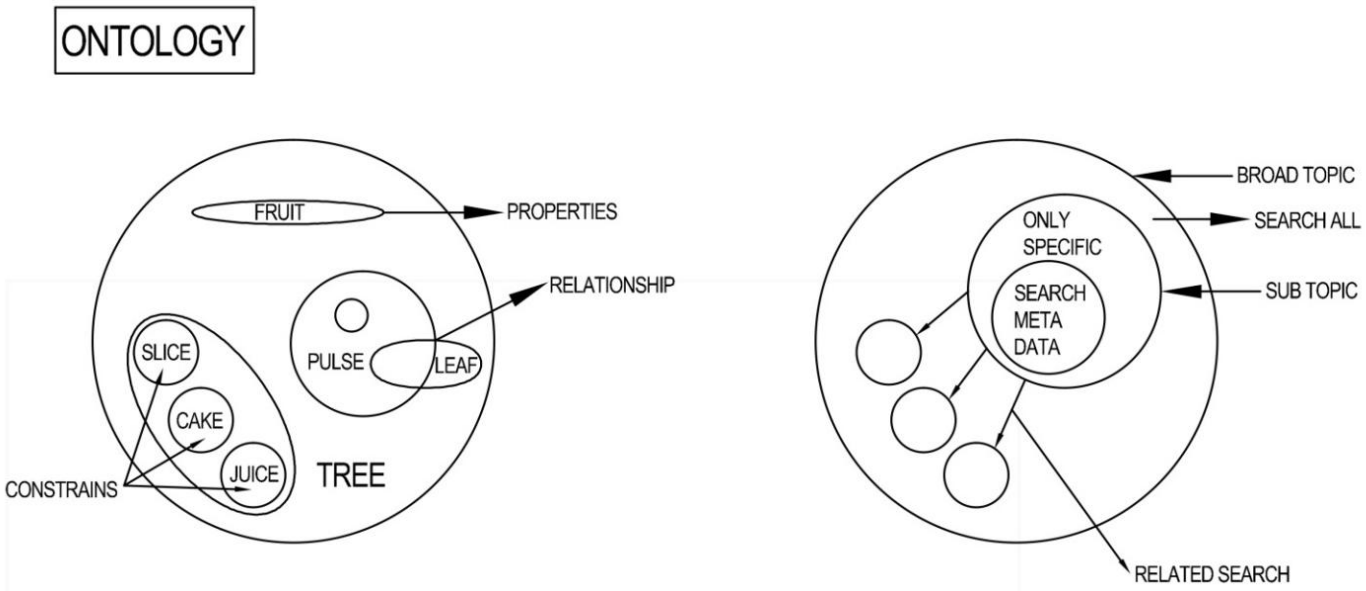


SEMANTIC WEB:

Search is necessity of the word as it very difficult to get the relevant information from the information ocean. Analyses input query for make our search query more effective and efficient. Provide a new platform which machine can understand information and process it without need of human interaction. It not just keyword search in the context but semantic of the request made by the user is analyzed to the full extent with an automatic service discovery and retrieval of relevant services and resources. NLP +artificial intelligence =semantic web search.

ONTOLOGY:

Ontology consists of vocabulary and a set of constraints on the way terms can be combined to model a domain. There are four characteristics like explicit, formalization, sharing and conceptualization. There are five elements like class relationship, function, axiom and instance.



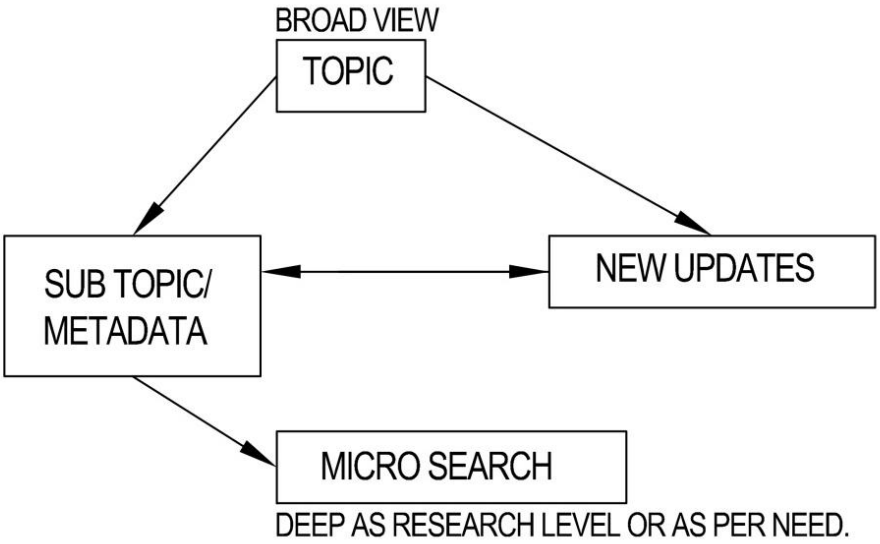
IDEA OR LOGIC:

Now a day's used display result will make user more confuse in searching if user new for query type. Like graph to sub graph. Not arranged data step by step .e.g. if we write for query of tourism, then it should display basic chart and then ask again for what specific for related terms There's lot of pages suggestion we get due to mixing alphabet matching technique but new vision apply for characteristics and related term matching, will give more specific result and remove confusion automatically. Separate Specific and related terms suggestions. Ask automatically if need more specific for suggestion through semantic web.

We can provide star grade as qualitative and verified information and payment as access by user more time. Back phase interface containing judgment and analysis. Information verification as unique id assign to user. Protection and security based on encryption for less size and official link address navigation.

In other case of document collection we need for future reference, it's easy if authenticate documents downloaded easily. As well different search engine available and improve in all other specific purpose update. Display only selection options list, also available all such information as aggregation and save data. Sort by options in advance search. Save or brows specific PPT, PDF, word, songs or audio and video files. Related software application if available.

Government web site use as authenticate link. Develop portals like government, jobs, tourism, and education, health, social, political and economic. Springer magazine's website used for data filter concept. . Information present like Gujarat tourism website. Wikipedia encyclopedia is a good example for basic and static information display, but we can improve more in that by uploading video file. Advertise should in other link block display. Language use English as international applicable. Idea of Index generation program from Wikipedia encyclopedia, Related issues Synchronize given information display.

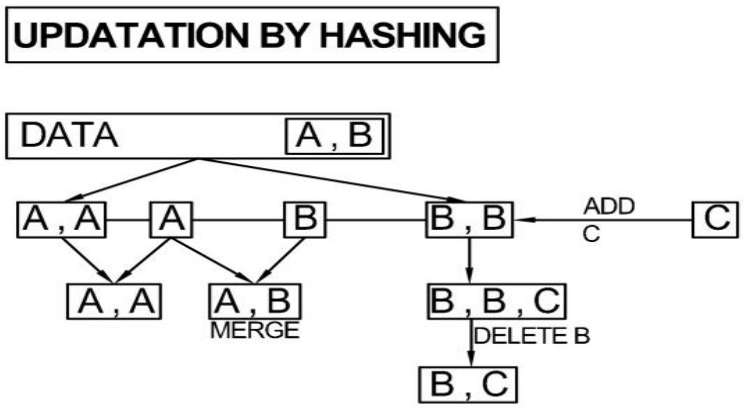


HOW IT WORKS:

Combine concept of find malicious web page and authenticate information for ontology data base class New data base generation, encryption of that and use such authenticated data allow privacy to update in that not allow until some recommendation policy fulfill: registered data (login to update) only for valid user-(id display then access) given information display. Database of search engine's: different topic develops and combine related in new database creation of it. Only authorities' person can make updates. Latest news, registered web side used and continuously improve it in future. Improve in better result quality updates in future continuously toward better one.

Deep in knowledge like research or scientific level. Activate and deactivate related fields by color and brightness and Highlight things in graph. Faceted navigation only partial data display. Similar data extract, no sequential access of web pages numbering. . From abundant information available which is most knowledgeable, get it in less time with easy grasping interesting pattern as well as fast search for best authenticate.

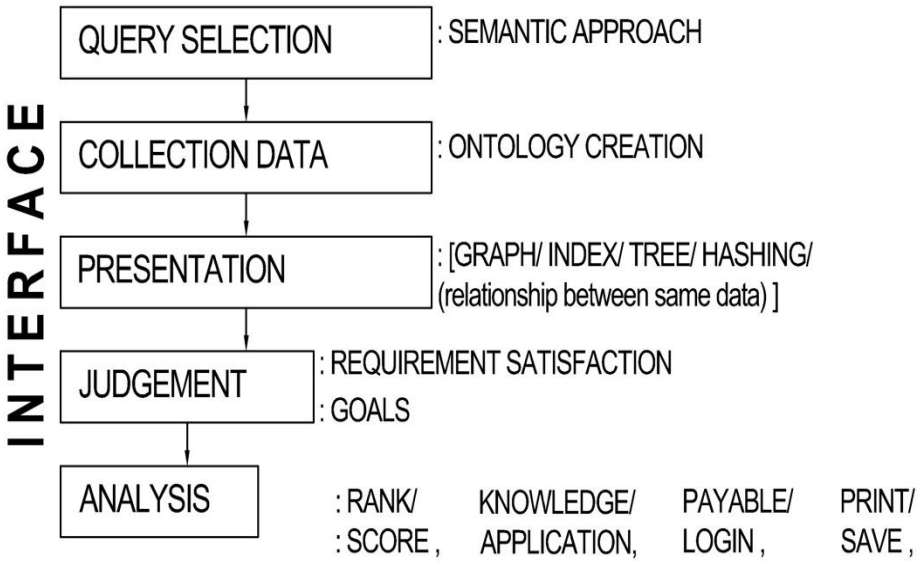
Topic analysis based on current updating as highlighted link and date of it. If we find more relevant and new information than regularly change existing data base by comparing existing data and verify authentication. If we update unnecessary data set regularly than it will less time consuming with valuable information for users. Suggestion box for updating validate and people views participation as users jumping on only required one and detail of it.



Design a search engine best utilization of within query search using semantic web concept. Search as per topic wise data base information. Design such a display like particular authenticate website for topic. Subtopic mining: not out of topic or another topic. Incremental to decrement point relationship. Search things first

covered of topic then mining from that. Result and final application achieve from process of mining from information to data to knowledge. Thrashing will expand the query for computer understand and back query again.

In display design pattern of graph, rolling confusion remove by ontology classification concept Priority algorithm like incremental or decremented order of information gather by searching or common characteristics data combine in one class for easy understanding and make search clearer. For that should be a new algorithm have to develop as per characteristics matching and related term matching. Display chart to related terms in synchronize view.



Advantage of new concept of design pattern: Separation of information from abundant mismatches and removes confusion. Great understand from less memory size occupied by display patterns of multiple search options. Only authenticate link display as registered search. Pay per click as per quality not as per payment. Display view like easy understand and interesting. Only related query suggestion using semantic web approach. Jump in graph as per word match and start rolling again sub graph of graph.

CONCLUSION:

New concept and idea on search engine display design pattern which for any query using background classification of query graph. In word of faster growing data make e- learning medium more effective, usable and interesting.

Future work: There are big affords needed for data base creation which for only authenticate information and remove malicious web pages. Security key we can apply as encrypted data for less memory size and faster transformation of data. Faster updates as per time aware approach for all data. Algorithm for analyses different classification design pattern option best available like graph, table or poster icon view. Representation view selection as per information data available. Detail Query analysis as per semantic approach. 3d view of data for 5 sense and experience based learning. Develop ontology relationship classification.

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