MyVitaQus: MY VITAMIN QUICK SEARCH ENGINE BOOSTER FOR IR 4.0

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PRODUCT BACKGROUND
- MyVitaQus is a powerful semantic search tool to locate documents related to your requirements from the diverse and unstructured big data world.
- Using JAVA environment and JENA API.
- Provide better performance than popular Google search engine in retrieval of relevant result from large pool of WWW based on user desires.
- 43.2% precision over Google and 20.2% precision over WordSet technique show the accuracy of MyVitaQus in retrieval of relevant information.
- Flexible tool to any domain.

BENEFITS
- As a solution to search required information semantically using short user queries (containing 2 or 3 words) from diverse pool of WWW in big data world.
- Offers a semantic search list to limit search range & narrow down the results for higher retrieval relevancy.

ENVIRONMENTAL IMPACT
- MyVitaQus is a lightweight tool does not rely on SERVER computer for optimal results. Thus, saves energy consumption and management complexity.
- MyVitaQus can run on low powered devices (client) and not needed dedicated server. Thereby, generates minimal heat.
- MyVitaQus provides an energy efficient search behavior. It supports information retrieval systems to find relevant information in less time. Thereby saving time per user search significantly reduces the total electricity consumption of a computer.
- MyVitaQusis eco-friendly as it requires minimal number of resources (existing Internet structure). No additional data centres are required.

FACTORS CONTRIBUTING PRECISION INDEX

IMPROVEMENT INDICATORS

MARKETABILITY
- Plug-in: for search engine industries
- Engineering and Manufacturing Industries: for finding data from complex structure
- Education sector: especially by the researcher for affective learning
- Software engineering: utilizing tool in various models of software development.
- Medical industry: Semantic expansion for relevant retrieval
- Our product will be marketed as priced below:
  - Technology - RM 35,00.00
  - Student Version - RM 100.00 each Domain
  - Organization Version – RM 250.00 each Domain

PUBLICATIONS

NOVELTY

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ACHIEVEMENTS

COLLABORATORS

Appreciation conveys to UMP for financing under RDU1703101