

## **INNOVATIVE EXPERTISE KNOWLEDGEBASE WITH GRAPHICAL REPORTS AND CASTING**

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**Abstract:** Knowledge is increasingly being recognized as a vital organizational resource that provides competitive advantage. The role of IT in information management is an necessary concern for any company wishing to develop promising technologies to manage their knowledge assets. The collective wisdom of your employees or customers is vast and waiting to be tapped. Application works by catching, collecting, and developing the knowledge that already exists within your organization. This application provide end to end answer to **maintain shared knowledge assets** in a group. It allows information base Group and Expert to calculate the documents submitted by different employees in your organization before publishing them and based upon on these reviews different awards are being awarded to employees.

**Keywords:** Databases, User interface, My-SQL Server, Analysis, Implementation and Testing.

**The process covers:**

- KM involves actively managing knowledge (push strategy).
- Such an case, persons strive to clearly encode their information into a mutual knowledge repository, such as a DB, as well as retrieving information they need that other persons have provide to the repository.
- One more approach to KM involves individuals making information needs of expert connected with a concerned subject on an ad hoc basis (pull strategy).
- Such an case, expert individual(s) can provide their insight to the particular individuals needing this. This is

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also normally known as the Personalization advance to KM.

### **Automation Scope**

Companies are make their choices about the scope of programs and problematic within knowledge management. Decision are made that lead companies to find the way in some parts of the information management domain while neglect others (Despres 1999).

Knowledge management including,

- Business intellect
- Benchmarking
- Competencies
- Employee progress
- Virtual teaming
- Creativity

### **I. Introduction:**

The idea of the DCKMS(Data Centric Knowledge Management System) is to unify knowledge generate by employees working within and across capable areas, and to arrange that information such that it can be easily access, searched, browsed, navigated, and curates.



It is a web based application which allow employees of a company to distribute their information with others in the company. Also it allow them to search for knowledge assets when in need. It provides a capability for the employees to record themselves as 'experts' as well as search for other 'experts' in case of any problem in their assignment. It is a single stop store for finding solutions for your troubles.

All employee needs some assist at some point of time. To resolve some problems employees has to depend upon many source like internet. This is very tough and time consuming task. Also perfect key may not be available. DCKMS is a perfect key to overcome the above mentioned troubles. It provides a capability to share your knowledge by submitting various information assets and to find for assets when in need. It allows users to find documents based on keywords as well as name of the writer, topic, group etc.

This submission allows user to schedule themselves as experts in their favorite areas. Also allows users to find and contact experts in order to seek help from them. This application provides end to end solution to maintain shared information assets in a company. It allow K-Team and Expert to estimate the documents submitted by various employees before publish them. Also based on this rating various award are being awarded to employees.

This application maintains the entire data in a federal and secured DB server to maintain stability in details generation and allow users to access from any site. This is an online

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application that allow multi-user access to track the data concurrently. Various role and authentications have been provided and access to different areas in the tool is restricted according to the task given to users.

### II. Scope of the System:

- It provides a ability a to share documents across the company
- It allow the employee to upload and download the papers from their systems.
- Easy in browsing, navigate and searching for required documents
- Provides a facility to limit the unnecessary documents to be posted.
- Provides flexible way in generating different reports
- This assignment provide a rich user-interface for the user to access information with least effort (“look and feel”).
- It allows to rate the documents at different levels.

### III. Module Description:

#### Multimedia & content management:

Effortlessly Share Multimedia Content  
Make and offer media content straightforwardly inside  
Application with simple to-utilize content creation devices,

for example, HD webcam feature inventor, smooth HD screen caster, and local word processor.

Manage relevant feeds:

Application is intended to get rid of the clamor and convey tweaked, significant substance

Social reach:

Getting individuals to share what they know is troublesome. Getting them to share socially and without a second thought is a gigantic fight that obliges an information administration apparatus to be furnished with social engagement instruments and vigorous Q&A.

Content management:

Our application helps to manage the content according to the need.

Fast access to content:

Application helps the users to access the information needed very fast and in simple way all experts' collaboration can be done.

Interaction:

Questions and answers programming that permits clients to ask and answer inquiries while leaving an authentic trail that is catchphrase labeled, filed, searchable, and effectively redesigned so the following individual with the same inquiry can undoubtedly discover the answer.

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### Customization:

Users of the application can brand the tool as according to the organization eg they can upload logos.

### Easy access:

Our application is on the cloud so users can access it from any machine like tablets or mobiles or laptops.

### Engage:

#### Worker Engagement:

Application gives workers one spot to go to share any kind of substance and ask essential occupation related inquiries. That substance and those answers then live on, permitting anybody requiring that data to self-serve later on, see chronicled editorial on a subject, and comprehend the advancement of methodologies and choices in your association.

#### Sales:

Our product urges top deals reps to share each tip, trap, and presentation they knows in an one-to-numerous virtual discussion so that everybody on the group advantages from their experience and learning.

Application gives your representatives and clients a spot to interface and tackle client issues, share new item data, and

make a group. Client connections are a standout amongst the most critical considers developing your business.

### Dashboards:

All related business development can be managed and tracked from the dashboard.

### Collaboration:

Application is a focused on social cooperation center point that makes it simple to locate the right master. It permits individuals to meet up to share what they know and realize what they don't.

### Security:

Application uses the encryption technology to safe guard the customer information. Any type of transfer of content is done in the encrypted format. Application uses secure socket layer encryption for the encryption of the data. Application also provides different authentication ways to safe guard the access, even single sign on option is provided for authentication.

### IV. Proposed System:

This is fully automated, which removes all the drawback of existing system. In the future scheme, it allows different staff of the company to upload their knowledge document into this organization which will be demonstrated by next



level users to avoid pointless papers. Also it allow them to search for information assets very easily when in need. It provide a ability for the workers to catalog themselves as 'experts' as well as look for other 'experts' in case of any state in their assignment. It provide a capability for the assessor to rate the documents posted by the staffs.

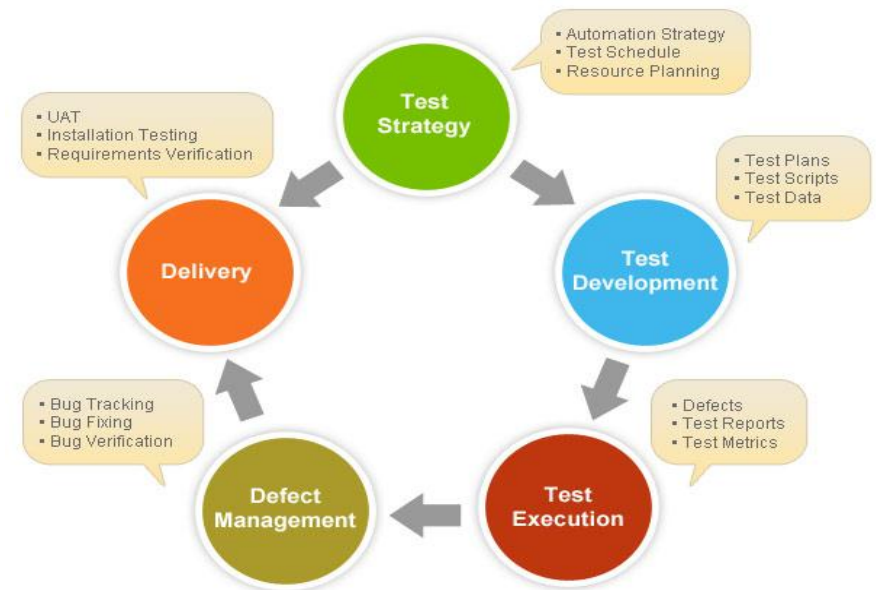
## V. Existing System:

Here in the presented scheme, the company keep up all the knowledge based papers in a separate system which will be access for all workers through LAN and they can post their new papers into this and access the earlier documents. Finding for related documents based on writer, technology etc is a time taking procedure. Administrating the documents group wise and restrict them not to be accessed base on the user type becomes complex. This system doesn't limits pointless documents to be posted.

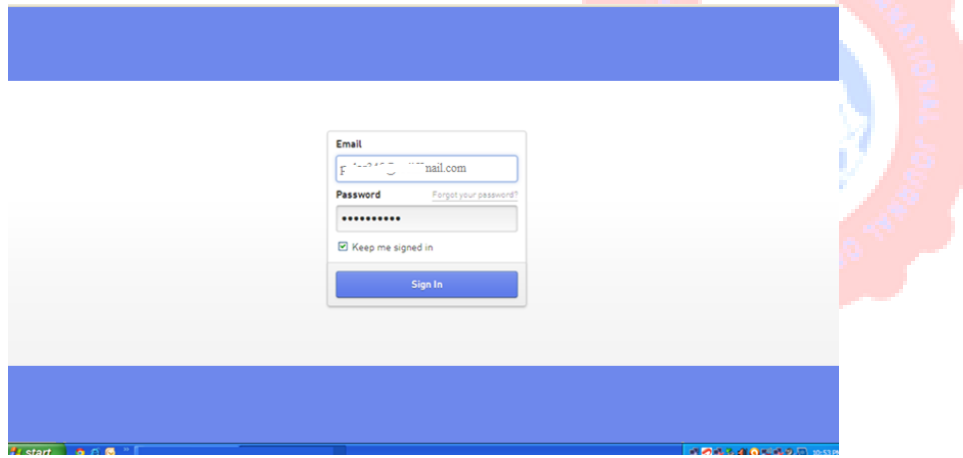


## VI. DIAGRAM

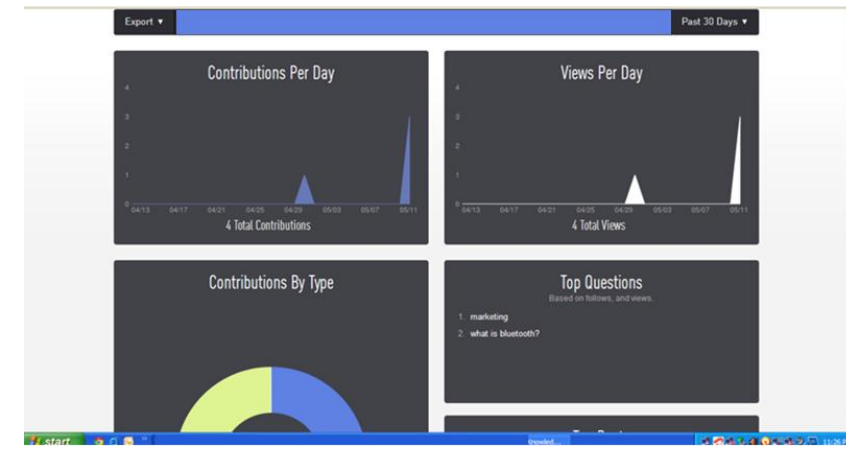
### TESTING:



## VII. Results:



Showing uploaded file and other options:



## VIII. Conclusion:

Knowledge management efforts have a lengthy record, to contain on-the-job debate, formal apprenticeship, discussion forum, mutual libraries, expert training and mentoring program. More newly, with better use of systems in the second half of the 20th century, specific version of technologies such as information bases, professional systems, information repositories, group judgment support systems, intranets, and mainframe-supported helpful work have been introduced to further enhance such efforts.

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