

SMART KNOWLEDGE PROVIDER

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ABSTRACT: The goal of the user-friendly online web application project known as "Smart Knowledge Provider" is to give technical knowledge between diverse sections of technological professionals around the world.

I. INTRODUCTION

If a student has any questions, they should speak with the professor teaching that topic personally. There will be time wasted if the lecturer isn't available at that moment.

Most students are too hesitant to ask questions in class, thus they tend not to do so. They can dispel their doubts by making use of this clever expertise. It takes time for the lecturer to answer all of the questions made by the several pupils in the classroom at once. Students can use this website to quickly find the answers to their

questions.

The primary goal of this smart knowledge is to provide a welcoming environment for interaction between students and lecturers, professors, professionals, and those who are knowledgeable about a given topic.

- If a student has any questions regarding a particular subject, he must speak with the professor of that subject personally. There will be time wasted if the lecturer isn't available at that time.
- We can employ this clever knowledge supplier in place of direct engagement with the professor.
- By using this website, we can always get our questions answered.
- With the help of this website, we are able to ask questions not only about the issue at hand but also about how our careers are developed.
- When using this clever information, there is no

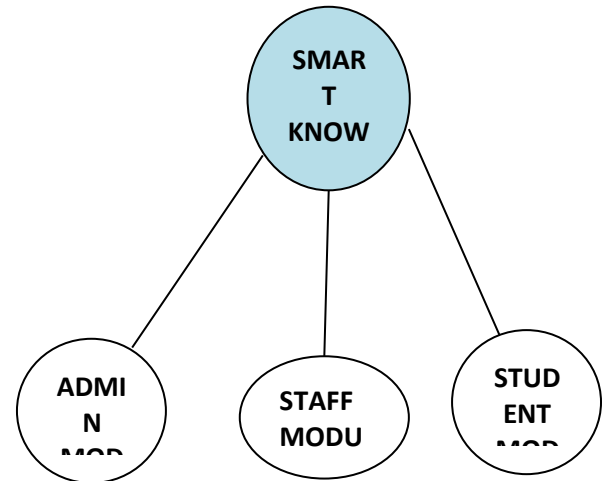
time wasted.

II. LITERATURE SURVEY

- Apte sir suggested Student Query Management System Mitchell, 1993.
- People believed that education was essential for both personal achievement and societal excellence.
- In England and Wales it became important for free and mandatory education during 1870–1976.
- Ednexa wants to move every aspect of coaching online.
- This is evidenced by the features we now offer.
- By this, our project Smart knowledge provider came into existence.

III. MODULES

Modules are the data files that help us in understanding the concept of a project or application that describes its performance and tasks that are being performed. There are two modules in this Smart Knowledge Provider



IV. DATA FLOW DIAGRAMS

Context level/ Level 0 DFD:

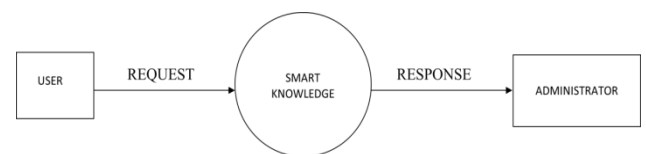


Fig1: Context level

In this Fig1,

- We can see that the smart knowledge is acting as the interface between the User and Administrator.
- It is accepting the request from the User and sending it to administrator to get a response.
- Thus, the Smart Knowledge Provider helps the students to clarify their doubts and this helps the staff to brush up their skills and answering techniques to gain knowledge.

Top Level DFD/ LEVEL 1/HIGH LEVEL:

V. UML DIAGRAMS

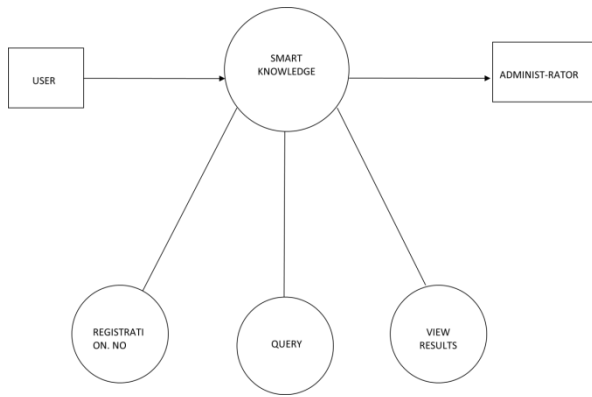


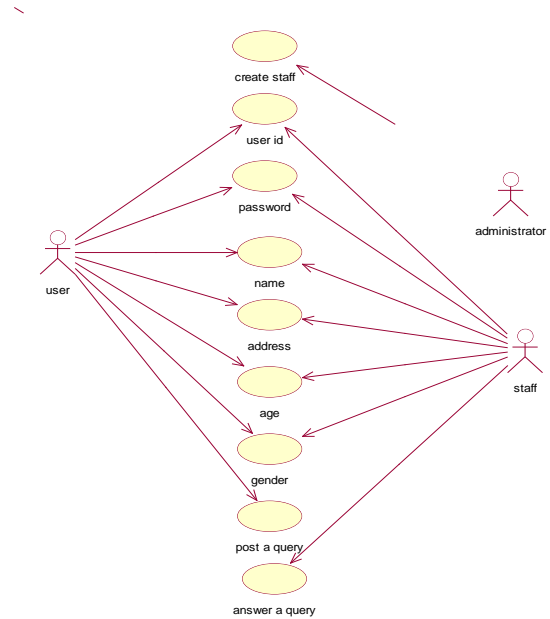
Fig2: Top level

In the above figure i.e. Fig2: Top Level,

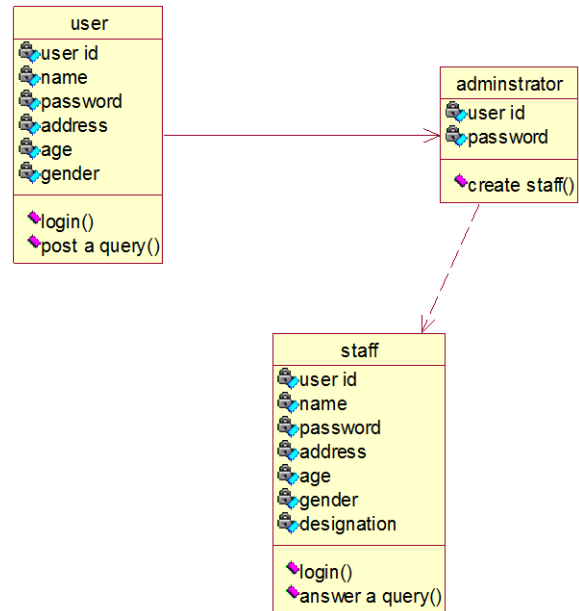
- The modules are further classified into Registration number, Query and View Results.

During the interaction between the user and administrator, this whole process is done in order to provide the answers and resolve student queries.

UseCase Diagram:



Class Diagram :



Detailed Level / LOW -LEVEL:

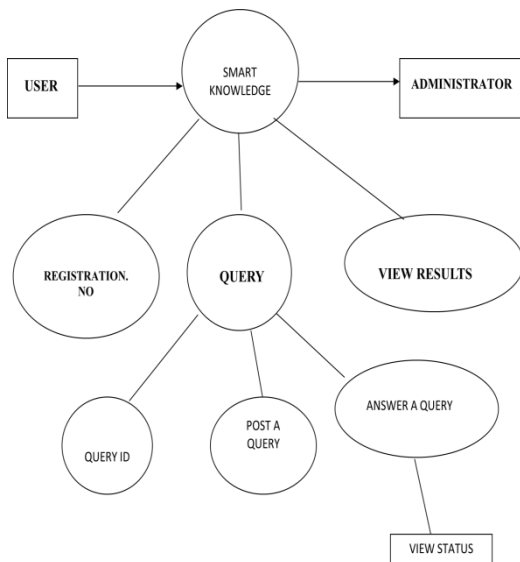
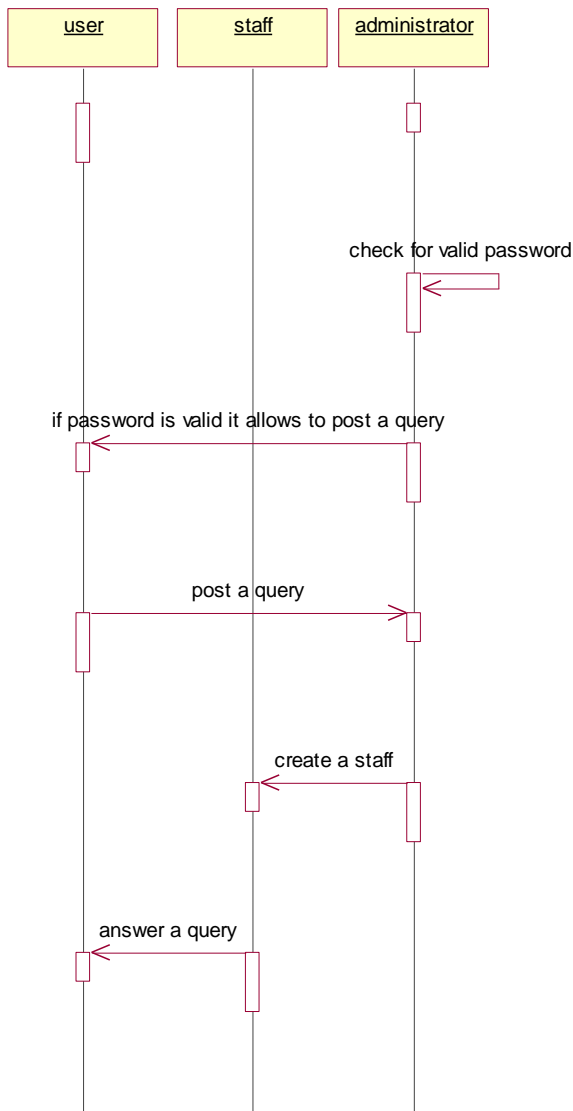
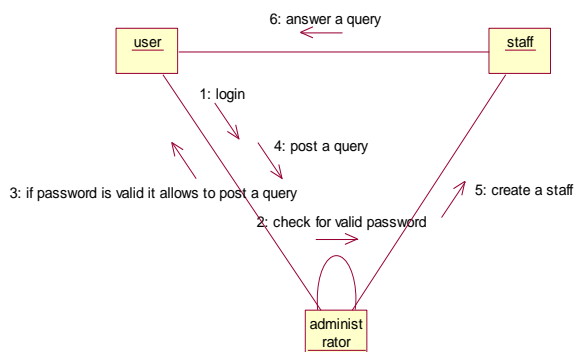


Fig3: Low level

Sequence Diagram:



Collaboration Diagram:



VI. BACKEND TABLES

Registration

Table - dbo.register		Table - dbo.query	Table - dbo.query
	Column Name	Data Type	Allow Nulls
▶	name	nvarchar(50)	✓
⚠	userid	nvarchar(50)	□
	gender	nvarchar(50)	✓
	age	nvarchar(50)	✓
	qualification	varchar(50)	✓
	address	varchar(MAX)	✓
			□

Table - dbo.login		Summary	
	Column Name	Data Type	Allow Nulls
▶	userid	nvarchar(50)	✓
	password	nvarchar(50)	✓
	type	nvarchar(50)	✓
			□

Login

Table - dbo.query		Table - dbo.query	Table - dbo.login
	Column Name	Data Type	Allow Nulls
▶	queryid	nvarchar(50)	✓
	postquery	nvarchar(50)	✓
	ansquery	nvarchar(50)	✓
	userid	nvarchar(50)	✓
	staffid	nvarchar(50)	✓
	useranswer	nvarchar(50)	✓
			□

Query

Table - dbo.staff		Table - dbo.register	Table - dbo.query
	Column Name	Data Type	Allow Nulls
▶	name	varchar(50)	✓
⚠	staffid	nvarchar(50)	□
	gender	nvarchar(50)	✓
	age	nvarchar(50)	✓
	designation	nvarchar(50)	✓
	qualification	varchar(50)	✓
	address	nvarchar(50)	✓
			□

Staff

User query

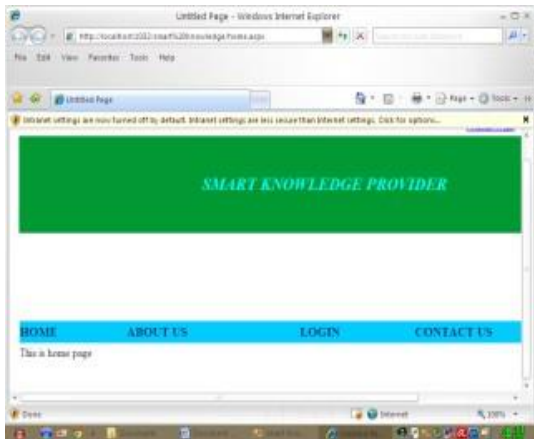
Table - dbo.userquery	Table - dbo.staff	Table - dbo.t
Column Name	Data Type	Allow Nu
userid	nvarchar(50)	<input checked="" type="checkbox"/>
qid	varchar(50)	<input checked="" type="checkbox"/>
answer	varchar(MAX)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Profile

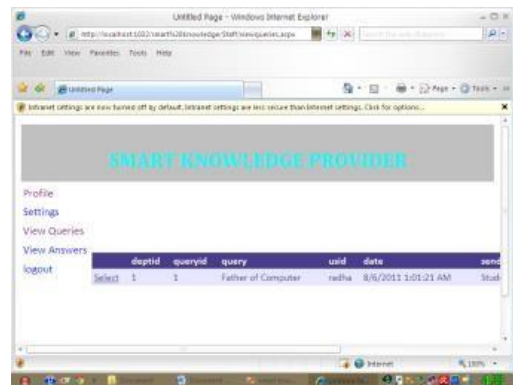


VII. SCREENSHOTS

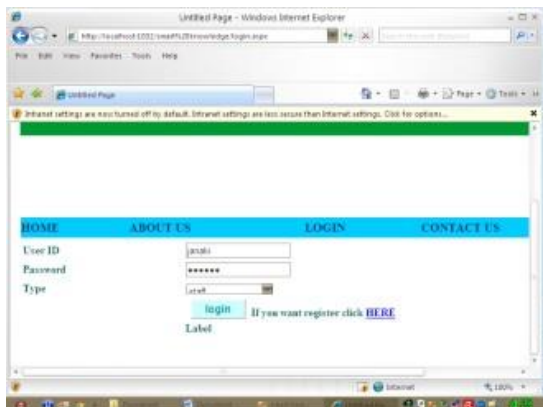
Home page



View status



Login page



View query



VIII. FUTURE SCOPE

- The major goal of this smart knowledge is to create a comfortable environment where students may interact with lecturers, specialists, professors, and those who are knowledgeable about a given topic.
- Anytime a student has a question about a subject, they must speak with the professor immediately.
- There will be time wasted if the lecturer isn't available at that moment. We can employ this clever knowledge supplier in place of direct contact with the lecturer.

IX. CONCLUSION

The “Smart Knowledge Provider” web application is designed and developed as per the requirements as the students post queries and the staff answer them through the web application which eases the burden, gives confidence to students for asking questions and decreases the time taken. Most importantly, this improves the accuracy in maintaining the student profile and academic results.

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www.fmexpense.com/quickstart/aspplus/default.com
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