

# COMP 4711 Term Project

## Knowledge Base

In today's world, knowledge is very easily accessible. We can simply google something and find tons of information about it. But the problem today is information overload. Since there is so much to choose from, finding a reliable source can be somewhat of a challenge. We want to solve, this problem.

Our task is to create a social media for knowledge sharing, Knowledge Base (KB). Individuals can signup and begin sharing their knowledge about certain topics. Individuals can post questions, answer questions, message other individuals, like other profiles.

knowledgeBase



email password login

Join the worlds largest  
community for knowledge  
sharing

firstname lastname  
email  
password  
confirm password  
signup

For new users once the individual clicks 'signup', a new screen is displayed where the user is prompted to enter a few more details

# knowledgeBase

**Let's us  
know a  
little more  
about you**

After a user completes registration, they are taken to their homepage, which may look like the one shown below after user has made some posts, received message and likes

**kb** Search [logout](#)

### whats your question today ?

subject

explain in detail ....

topic [▼](#) [post to timeline](#)

Search by topic [php](#) [▼](#) [go ->](#)

**Sean Williamson**  
10 year of experience working in tech

[Posts](#) 3  
[Messages](#) 5  
[Likes](#) 10

[Edit Profile](#)

#### Latest discussions

**User settings deleted** [nodejs](#)

After i logged into my node app, I saw that the seetings were deleted after I restared my server. I had insatlled nodemon the it stared ...

25 oct 2019 [5 replies](#)

**Memory leak** [php](#)

My php application usually crashes after, I don't use it for a while, i think beacause I installed composer, Its consuling more .....

20 oct 2019 [7 replies](#)

[Next ->](#)

Only two shown

The number of replies is clickable (toggles, show and hide) and will show all the replies made for the post and gives the option to comment on the post (see page 5)

The latest 5 discussions will be shown on the homepage, also there will the ability to paginate (Next) (there will also be a Previous button to navigate back)

The Posts and Messages are also clickable links (see page 9,10)

There will be 5 topics the user can post in: php, nodejs, java, sql, zend

## Breakdown

If the user types in the search and hits enter, only those posts where subject has occurrences of typed characters show



🔍 settings

logout



### User settings deleted

nodejs

After i logged into my node app, I saw that the seetings were deleted after I restared my server. I had insatilled nodemon the it stared ...

25 oct 2019

[5 replies](#)



### Settings not saved

php

My PHP project create in inteljidea doesn't seem to remember my settings. Even after saving it many times, they revert back usu....

2 oct 2019

[2 replies](#)



Settings not saved

php

My PHP project create in inteljidea doesn't seem to remember my settings. Even after saving it many times, they revert back usu....

2 oct 2019

2 replies

If I click on the number of replies, It will show all the replies for the post and present a comment box to add a reply.

kb

settings

logout



Settings not saved

php

My PHP project create in inteljidea doesn't seem to remember my settings. Even after saving it many times, they revert back usu....



This usually happens on a mac os. Try deleting you ini file, seemed to work for me



Happened to me once what I did was I deleted the program, then reinstalled it

add your reply .....

comment

Then user can then add his reply to the post and consequently, the count of replies will update for the post

The user can also search by topic and only those matching the specified topic will show up

Search by topic  [go ->](#)

kb



[logout](#)



### Memory leak

[php](#)

My php application usually crashes after, I don't use it for a while, i think beacause I installed composer, Its consuling more .....

20 oct 2019

[7 replies](#)



### Settings not saved

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2 oct 2019

[2 replies](#)

If the profile picture of any user is clicked upon, it will render the profile for the user



Search

logout



Kevin Hudson

Team lead | Part time singer | Full time dad

Canada

Message

5 Likes

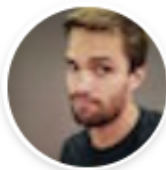


2 Posts



Increases  
number of  
likes

## All posts by Kevin



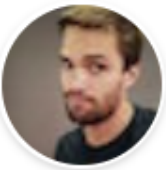
Troubleshooting node sync

nodejs

In my node app the event loop is dead even before my timer reaches a steady state, i think because the time delay is small, need more ....

11sep2019

3 replies



pointer issue

java

my java app was running smooth but since I started to use the ps lib, my code sometimes points to other areas in mem ...

10 aug 2019

7 replies

If I click on Message, the following view renders



🔍 Search

logout



subject

message details ....

Message

After the message details are filled and submitted, the user is returned back to the messaged users profile (in this case Kevin). The user (Kevin) should also receive an email with the contents of the message.



Clicking on the logo will take me to my home page. Clicking on posts shows all my posts, till date.

The screenshot shows a user profile for Sean Williamson. At the top left is a logo 'kb' with an arrow pointing to it from the text above. To the right of the logo is a search bar with a magnifying glass icon and the word 'Search'. Further right is a blue button labeled 'logout'. Below the logo is a circular profile picture of Sean Williamson. To the right of the profile picture is the text 'All posts'. Below the profile picture is the name 'Sean Williamson' and a bio '10 year of experience working in tech'. To the right of the bio is a list of statistics: 'Posts 3', 'Messages 5', and 'Likes 10'. Below the statistics is a link 'Edit Profile' with an arrow pointing down to the text at the bottom of the page. To the right of the profile picture is a list of three posts. Each post has a circular profile picture of Sean Williamson, a title, a description, a date, and a number of replies. The first post is titled 'SQL statement issue' with a tag 'sql', the description is 'My workbench driver usually stops, if I am working on windows, any suggestions ?', the date is '11sep2019', and it has '3 replies'. The second post is titled 'framework view not rendering' with a tag 'zend', the description is 'Zend framework , when used with jquery becomes slow and the view crashes suddenly.', the date is '10 aug 2019', and it has '7 replies'. The third post is titled 'java static variable' with a tag 'java', the description is 'Why is that static variable always needs to have a set value, in c# this isn't the case, I am missing something ?', the date is '1 aug 2019', and it has '7 replies'.

kb

Search

logout

All posts

Sean Williamson

10 year of experience working in tech

Posts 3

Messages 5

Likes 10

Edit Profile

SQL statement issue

My workbench driver usually stops, if I am working on windows, any suggestions ?

11sep2019

3 replies

framework view not rendering

Zend framework , when used with jquery becomes slow and the view crashes suddenly.

10 aug 2019

7 replies

java static variable

Why is that static variable always needs to have a set value, in c# this isn't the case, I am missing something ?

1 aug 2019

7 replies


In Edit Profile view, the user can edit his name, imageURL, country, date of birth and about.

Clicking on messages shows a list of all conversations

**kb**

Q Search


logout



Darren James

New role

Sep 18




Kevin Hudson

Zend training

Sep 16


SEP 4



Kevin Huson • 9:03 AM

You have great zend skills, want to conduct a workshop ?

SEP 16



Sean Williamson • 9:57 PM

Umm, give me some time to think about it ...

Write a message...

Send

## Deliverables

A rubrix will be set up, the date/time depends on your lab day

March 23 @ 1:30 PM Mon March 25 @ 10:30 AM Wed March 26 @ 9:30 AM Thru	Initial Report	10%	See 'Initial-report.pdf'
Apr 6 @ 5:30 PM Mon Apr 8 @ 2:30 PM Wed Apr 9 @ 1:30 PM Thru	Demo and hand in code (zipped), link to repo  Final Report	20%  5%	See 'Final-report.pdf'

The application **needs** to follow MVC architecture, use of any other frameworks (React , Angular , Java etc) not taught in lectures is **not allowed**

The application needs to use node/express as the backend, driven with views written in handlebars, ejs ..

Need to use a SQL database (MySQL , PostGres, MariaDB)

Need to follow best practices: <https://github.com/airbnb/javascript>

## Assets

- <https://randomuser.me/>
- <https://i.ibb.co/TLnFXX0/vector-knowledge.jpg>

## Other

- Bitbucket free for upto 5 users
- [express-session](#)