Assignment 02

Name ....Student ID .... Section....................

Assignment 2: Web board (10 points)

In this assignment, you use the techniques you learned so far to implement a Web board website. The Web board website works as a community center for asking and answering questions or concerns. The Web board program provides a user a form to create a topic or a question. After that, if there are users who know the posted answer, they can give their opinions or answers in the answer form. The Web board program also displays a list of all topics, each topic shows topic name and number of replies.

There are two tables (Question and Answer) for the Web board program.

Table name: Question

Description: a table containing topic information that user wants to ask.

Field	Type	Description	Key
qno	int(4)	Question thread number.	Primary key
qtopic	varchar(50)	Topic or question name	
qdetail	Longtext	Detail of the topic or question	
qname	varchar(20)	Name of user who post the topic	
qcount	int(4)	Number of replied answer	

Table name: Answer

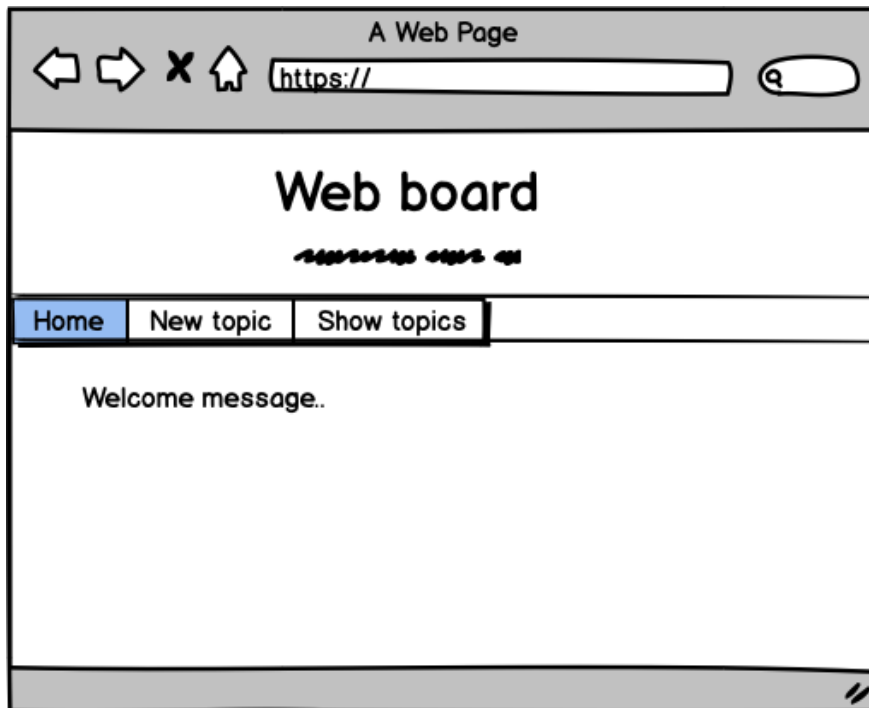Description: a table containing answers of the topics from the Question table.

Field	Type	Description	Key
aquestionno	int(4)	Question thread number.	Primary key
ano	int(4)	Number of replies in that thread	
adetail	Longtext	Detail of the answer	
aname	varchar(20)	Name of user who answer the topic	

The file structure of the Web board website should be like this following.

- Includes
    - DatabaseConnection.php: contain a PDO connection to MySQL database.
    - DatabaseFunction.php: contain functions to manage database tables.
- public
    - Index.php: entry point to load home.html.php and layout.html.php
    - show_question.php: retrieve all the topics have been posted in the Web board and submit it to question.html.php and load layout.html.php.
    - insert_question.php: receive information from form_question.html to insert new topic information into Question table and after a new topic has been saved successfully, the program displays all the topics have been posted.
    - show_detail.php: retrieve all the answers of the selected thread question that have been answered and submit it to detail.html.php and load the form_answer.html.php and layout.html.php.
    - add_anwer.php: receive information from form_answer.html.php to insert new answer of the thread question information into Answer table and after a new answer thread has been saved successfully, the program displays all the answers have been answers.
    - Styles.css: keep all the styles of the HTML elements

- templates
  - layout.html.php: an output to display header, nav, main and footer sections of HTML page.
  - home.html.php: an output to display welcome page or anything.
  - form_question.html.php: a form to collect the question thread information.
  - form_answer.html.php: a form to collect the answer of the selected question thread information.
  - questions.html.php: an output to display all the thread questions have been created.
  - detail.html.php: an output to display all the answers of the selected thread question have been created.

The design UIs are follows:

https://

Web board

| Home | New topic | Show topics |

Topic name: Do you think when it will be better in your country?

Topic detail:

Do you think when it will be better in your country?

User name: Pat

Submit   Cancel

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https://

Web board

| Home | New topic | Show topics |

All topics

1 What do you think about Covid-19? by Patty (0)

A Web Page

https://

Web board

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| Home | New topic | **Show topics** |

Question: What do you think about Covide-19?

> Do you think when it will be better in your country?
> by Patty

Answer this question:

> When a vaccine come out in two years.

User name: Ton

Submit   Cancel

A Web Page

https://

Web board

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| Home | New topic | **Show topics** |

Question: What do you think about Covide-19?

> Do you think when it will be better in your country?
> by Patty

Answer#1

> When a vaccine come out in two years.
> by Ton

Answer this question:

User name:

Submit   Cancel