



Learning your way




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Introduction

Have you ever sat in a course for an entire semester struggling to grasp materials simply because the teaching style isn't compatible with your learning style? What would you say if you could select courses based on your learning style? We came up with an idea that would allow you to enter your classroom preferences and how you learn and match them with how a teacher structures their class. This will allow for every student who uses this to succeed to the best of their ability and improve academic excellence across the country.



Different Learning Styles

The background of the slide is a photograph of three students in a library. A young man in a grey t-shirt is sitting at a table, looking at a laptop. A young woman with glasses and a dark polka-dot top is sitting next to him, looking at a book. Another young woman with dark hair is sitting in the foreground, looking towards the other two. Bookshelves filled with books are visible in the background.

Visual

Auditory

Verbal

Physical

Logical

Social

Solitary

Teaching Styles

| | | |
|----------------------------------|---------|--------|
| DELEGATE | DISCUSS | DIRECT |
| HIGH ——— TASK EXPERIENCE ——— LOW | | |

Direct- With this style, the teacher tells the students what to do, how to do it, and when it needs to be done.

Discuss- The teacher encourages critical thinking and lively discussion by asking students to respond to challenging questions.

Delegate- With this style, the teacher assigns tasks that students work on independently, either individually or in groups.

Process

- Brainstorm ideas
- Website
- SQL, Local Xampp
- Visual Studio
- PHP, CSS, HTML
- Logic



plug.dj - The Hole in the Wall Club
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Registration

Vnumber

V00599048

Student First Name

Patrick

Student Last Name

Star

Email

pstar0007@vsu.edu

Learning Style

Visual ▼

Teaching Style

Direct ▼

Password

....

Confirm password

....

Register

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Showing rows 0 - 16 (17 total, Query took 0.0019 seconds.)

SELECT * FROM `member`

☐ Profiling
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[\[Create PHP code\]](#)
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☐ Show all
 Number of rows: 25
 Filter rows: Search this table
 Sort by key: None

+ Options

| | | | vno | first_name | last_name | email | learning_style | teaching_style | password |
|--------------------------|--|--|-----|------------|-----------|-------------|----------------------------|----------------|----------------------------------|
| <input type="checkbox"/> | | | | V00000002 | Johnny | Bravo | jbrav0002@students.vsu.edu | | 897a779351421523cadbafcdce22efe |
| <input type="checkbox"/> | | | | V00000003 | black | man | bman0003@vsu.edu | | f0f820ebeb8c8f3f5e95ba2b6dc14b4b |
| <input type="checkbox"/> | | | | V00000004 | Virginia | State | vstat@vsu.edu | | 7516c3b35580b3490248629cff5e498c |
| <input type="checkbox"/> | | | | V00000005 | Naruto | Shippuden | nshipp@students.vsu.edu | | 3899dcbab79f92af727c2190bd8abc5 |
| <input type="checkbox"/> | | | | V00000006 | Dick | Grayson | dgray0006@vsutest.edu | | 8ee60a2e00c90d7e00d5069188dc115b |
| <input type="checkbox"/> | | | | V00000007 | Patrick | Star | pstar0007@vsu.edu | | 9a1f30943126974075dbd4d13c8018ac |
| <input type="checkbox"/> | | | | V00000008 | James | Baldwin | jbald0008@vsu.edu | | 259c436027c3912edc8df67b8e8e3984 |
| <input type="checkbox"/> | | | | V00000009 | Will | Smith | wsmit0009@vsu.edu | | 76010858c8362d7302ef5f9436aa6639 |
| <input type="checkbox"/> | | | | V00000010 | Sandy | Cheeks | schek0010@vsu.edu | | 804f743824c0451b2f60d81b63b6a900 |
| <input type="checkbox"/> | | | | V00000011 | choco | ice | chice0011@vsu.test | | ced53a9a10991dab1e3e66fa57afd43f |
| <input type="checkbox"/> | | | | V0012485 | tim | Johnson | tim@vsutest.edu | | 10cacd856333a68debb7afc89a58226e |
| <input type="checkbox"/> | | | | V0012486 | Willy | GOLDsmith | willy@vsutest.edu | | 10cacd856333a68debb7afc89a58226e |
| <input type="checkbox"/> | | | | V0012487 | Gerald | Lee | gerald@vsutest.edu | | 10cacd856333a68debb7afc89a58226e |
| <input type="checkbox"/> | | | | V00599040 | Xavier | Kelly | xkel4521@students.vsu.edu | | bf083d4ab960620b645557217dd59a49 |
| <input type="checkbox"/> | | | | V00599048 | Patrick | Star | pstar0007@vsu.edu | | 4cfbb125e9878528bab91d12421134d8 |
| <input type="checkbox"/> | | | | V00602739 | Hamilton | Winstead | hwin2739@students.vsu.edu | | 79af0c177db2ee64b7301af6e1d53634 |
| <input type="checkbox"/> | | | | V12345678 | Spongebob | Squarepants | ssqua4567@students.vsu.edu | | 9dee45a24effcf78483a02cfcd83433 |

Console

File

Edit

Selection

View

Go

Debug

Terminal

Help

server.php - Coursera Lesson - Visual Studio Code

EXPLORER

OPEN EDITORS 1 UNSAVED

throw.java

server.php C:\xampp\htdocs\ht...

Learning and Teaching Styles ...

index.php C:\xampp\htdocs\ht...

register.php C:\xampp\htdocs\h...

errors.php C:\xampp\htdocs\ht...

mystyle.css C:\xampp\htdocs... 1

login.php C:\xampp\htdocs\ht...

header.php C:\xampp\htdocs\ht...

COURSERA LESSON

HelloWorld.html

throw.java

28

// Register/Sign Up

29

if(isset(\$_POST['reg_usr'])){

30

//receives input values from the form

31

\$vnumber = mysqli_real_escape_string(\$db,\$_POST['vnumber']);

32

\$email = mysqli_real_escape_string(\$db,\$_POST['email']);

33

\$password_1 = mysqli_real_escape_string(\$db,\$_POST['password_1']);

34

\$password_2 = mysqli_real_escape_string(\$db,\$_POST['password_2']);

35

\$learningstyle = mysqli_real_escape_string(\$db,\$_POST['learning_style']);

36

\$teachingstyle = mysqli_real_escape_string(\$db,\$_POST['teaching_style']);

37

38

//form validation: ensure that the form

39

if(empty(\$vnumber)){ array_push(\$errors,"vnumber is required"); }

40

if(empty(\$email)){ array_push(\$errors,"email is required"); }

41

if(empty(\$password_1)){ array_push(\$errors,"password is required"); }

42

if(empty(\$password_1 != \$password_2){ array_push(\$errors,"The two passwords do not match"); }

43

44

//registers user if there are no errors in the form

45

if(count(\$errors) == 0){

46

\$password = md5(\$password_1);

47

\$query = "INSERT INTO member (vno,first_name,last_name,email,learning_style,teaching_style,password) VALUES('\$vnumber','\$F_name

48

mysqli_query(\$db,\$query);

49

\$_SESSION['vnumber'] = \$vnumber;

50

\$_SESSION['success'] = "You are now logged in";

51

header('location: login.php');

52

}

53

}

54

55

// LOGIN USER

56

if(isset(\$_POST['login_user'])){

57

\$vnumber = mysqli_real_escape_string(\$db, \$_POST['vnumber']);

58

\$password = mysqli_real_escape_string(\$db, \$_POST['password']);

59

60

if(empty(\$vnumber)){ array_push(\$errors,"vnumber is required"); }

61

if(empty(\$password)){ array_push(\$errors,"password is required"); }

62

if(count(\$errors) == 0){

63

\$password = md5(\$password);

64

\$query = "SELECT * FROM member WHERE vno='\$vnumber' AND password='\$password'";

65

\$results = mysqli_query(\$db,\$query);

66

if(mysqli_num_rows(\$results) == 1){

Ln 36, Col 73

Tab Size: 4

UTF-8

CRLF

PHP

Sources

- Thorton, Paul B. “Three Teaching Styles.” *Faculty Focus | Higher Ed Teaching & Learning*, 30 Sept. 2013, www.facultyfocus.com/articles/philosophy-of-teaching/three-teaching-styles/.