

Opinionated

Survey Project

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CIS-17B

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Description

A web-based survey program. Much more complete than my midterm project. My documentation is not as complete as I wanted it to be, I simply ran out of time to do the charting and step by step walkthroughs.

GitHub

<https://github.com/StephaniePeacock/Opinionated>

Documentation

Getting Started

The project is access through the browser: localhost/Opinionated – which loads index.html – this page displays an iframe (I fell in love with these and used them for most of the project) that defaults to login.html

Example:



Email:

Password:

Login

Don't have an account? [Register here](#)

A view of the index (which defaults to login page). If the user does not have an account, they can click the register button, which redirects to register.html and gets the user's account information. After successful creation the user is sent back to the login page to log into their account and access the home page. Error messages are displayed if the registration or login do not meet the requirements.

Create a user account and error:



Email:

Password:

Confirm Password:

[Register](#)

Already have an account? [Login here](#)

[Register](#)

Account already exists.
Already have an account? [Login here](#)

Upon clicking the “Create an Account” button, the user is prompted to enter an e-mail and secure password. An error message is displayed if one of the conditions is not met.

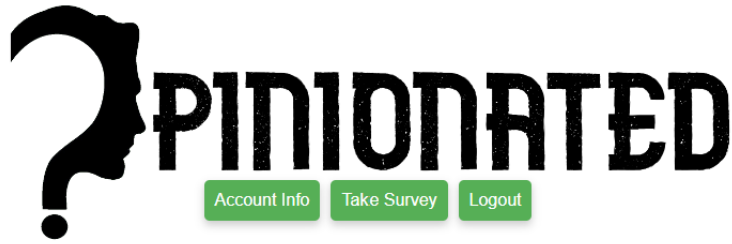
Login – Incorrect Password:

[Login](#)

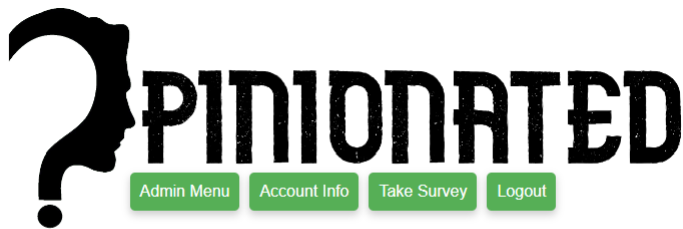
Invalid email or password.
Don't have an account? [Register here](#)

As shown in the image, when a user enters an incorrect password, or email, or the account does not exist they are denied access.

Login – Valid Email and Password:

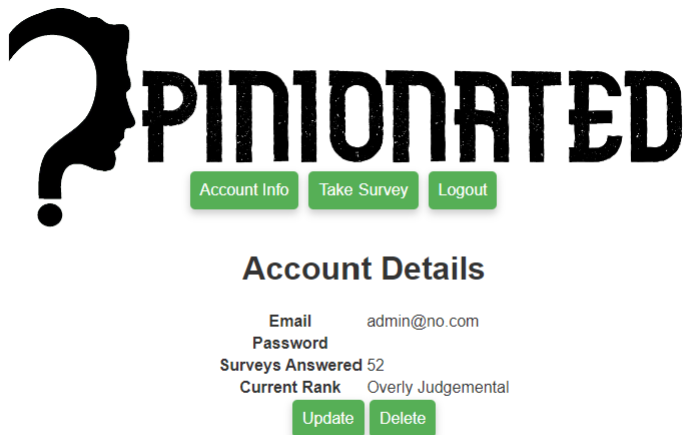


Upon successfully logging in, the user is greeted with three separate menu options.



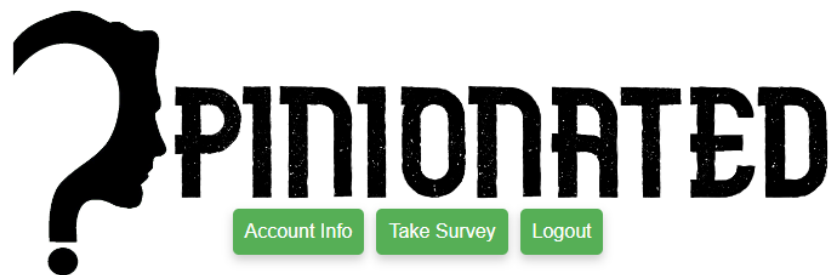
If the user is an Admin, they are given access to the Admin Menu button as well.

View User Account:



When the “Account Info” button is clicked, the user’s email, a password box, number of surveys answered, and their Rank Title displayed. At some point I lost the styling for this section, so it is hard to tell, but the email and password boxes are editable. Making changes to them verifies the input and updates the account then refreshes the page. The cookie data is also updated at the same time.

User's Survey Menu:



Take a Survey

Title	Description	
Favorite Things	Determine what is most liked	Take Survey
Animals	Opinions on Animals	Take Survey
Super Survey	Assess opinions on Marvel	Take Survey
Test Survey	For testing	Completed
Another Test Survey	So we can do more testing	Completed

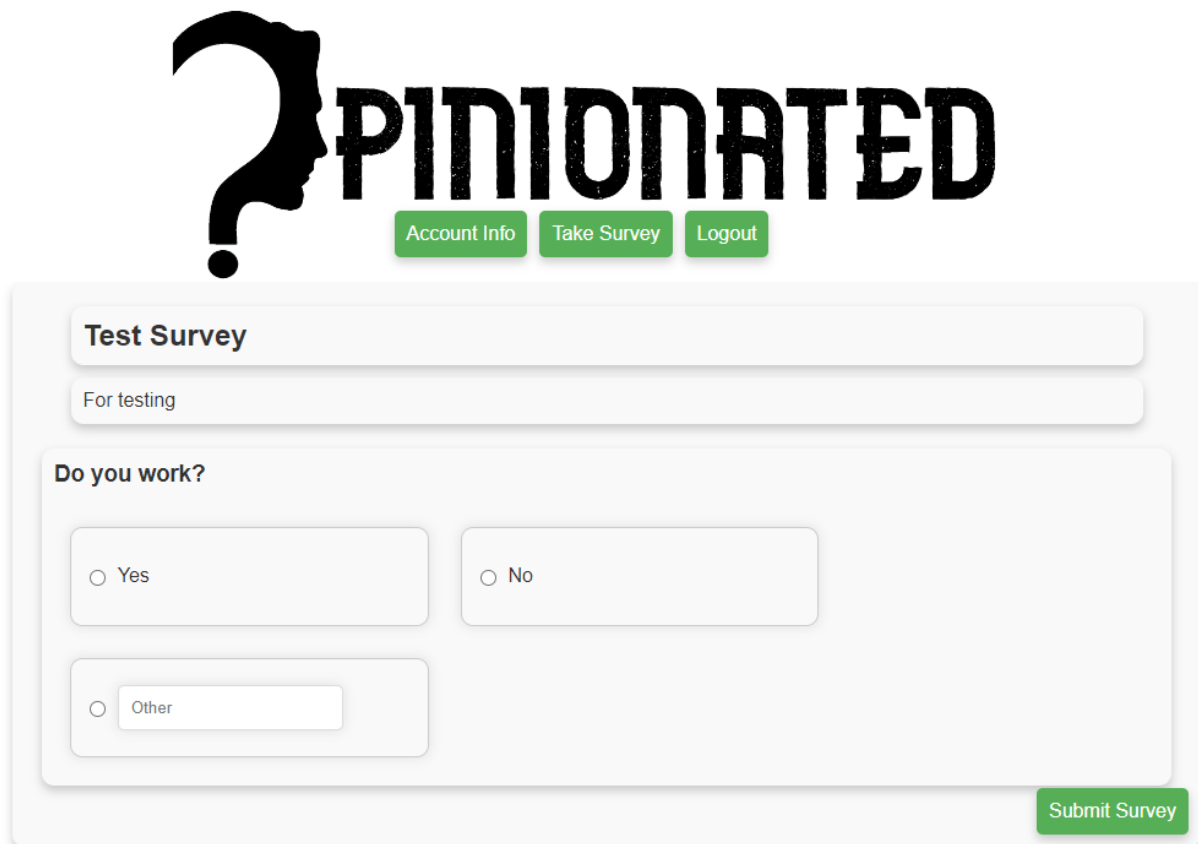
When the user selects Take Survey they are presented with surveyList.html – which displays a list of all the surveys, and buttons on the side to take one. If the user has already completed a survey then it is flagged as completed, and the button does nothing. (I had planned to add the option for a user to view their responses and change them but ran out of time).

Logging out:



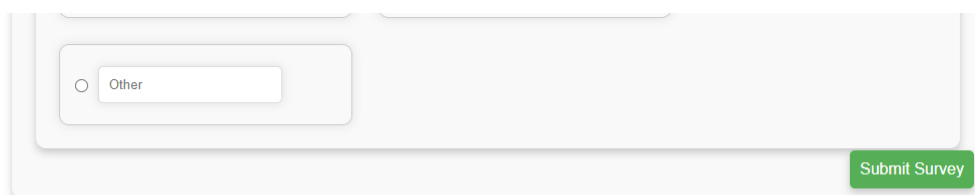
When the user selects the logout button the session and cookies are destroyed, and they are routed back to the index page.

Taking a Survey:



The screenshot shows the PINIONATED website header with a logo featuring a question mark and the word 'PINIONATED'. Below the logo are three green buttons: 'Account Info', 'Take Survey', and 'Logout'. The main content area is titled 'Test Survey' and includes a subtitle 'For testing'. A question 'Do you work?' is displayed with three radio button options: 'Yes', 'No', and 'Other'. The 'Other' option is accompanied by a text input field. A green 'Submit Survey' button is located at the bottom right of the form.

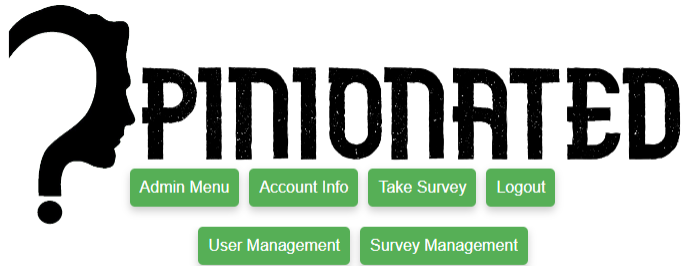
When the user selects a survey, they are presented with the questions & available answers. Some questions have a custom answer option, which will check the user's response against existing answers linked to that question. If the answer already exists, it will increment the count. If the answer doesn't already exist, it adds a new answer and gives it a starting response count of 1.



This screenshot shows a portion of the survey form, specifically the 'Other' radio button option with its associated text input field. A green 'Submit Survey' button is visible at the bottom right. Below the form, a red error message is displayed: 'Please answer all questions.'

If the user fails to answer all of the questions, they are given an error. When they successfully answer all questions they are given a message, and sent back to the survey list.

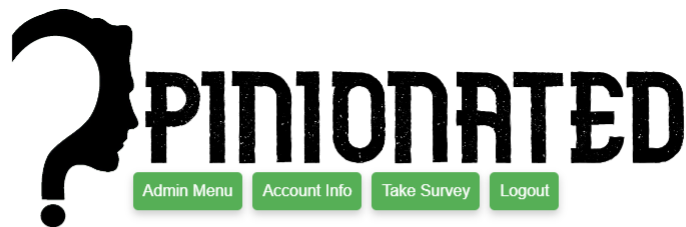
Admin Menu:



The Admin Menu consists of two submenus, one for users and one for surveys.

User Management

The user menu gives a list of all the users in the database. At the top, the admin can access add_user to add a user in. In the table below, all of the cells are editable. Clicking update modifies the data and refreshes the view with the current data. Data verification is performed on both adding and modifying users, to ensure they meet requirements (not duplicates, formatted correctly). If the user is updated, they are alerted.

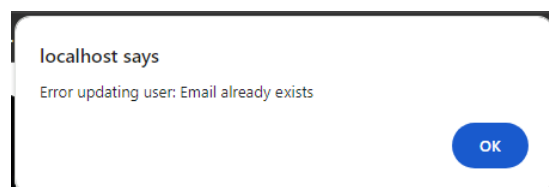


Display & Edit All Users

Email	Password	Confirm Password	Add User		
Email	Password	Admin	Rank	Surveys	
admin1@no.com		1	0	52	Update Delete
user1@no.com		0	0	45	Update Delete
user2@no.com		0	8	40	Update Delete
user4@no.com		0	7	35	Update Delete
user5@no.com		0	6	30	Update Delete
user6@no.com		0	5	25	Update Delete
user7@no.com		0	4	20	Update Delete
user8@no.com		0	3	15	Update Delete

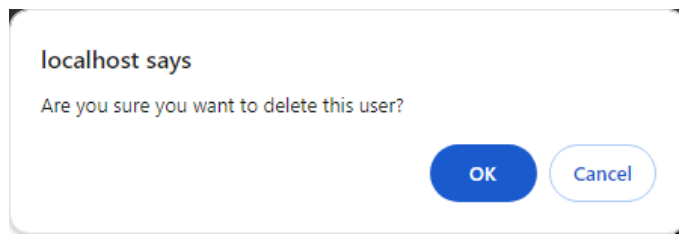
Email	Password	Confirm Password	Add User
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Account already exists.



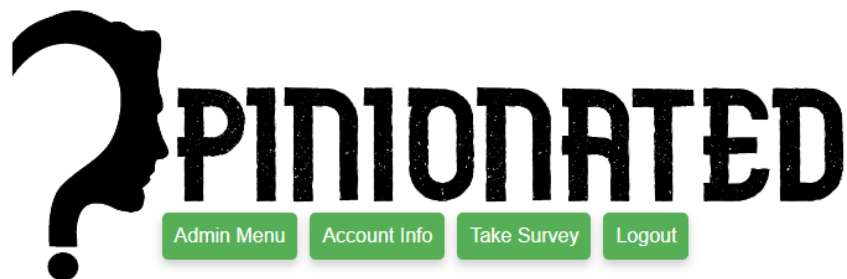
localhost says
User updated successfully





Deleting a user confirms that the process was wanted. Upon user account deletion, all references to the user are removed from the database. Any answers they made are decremented by 1, their custom answers that have a count of 1 are removed.

Survey Management



Display & Edit All Surveys

		Create Survey		
Title	Description			
Favorite Things	Determine what is most liked	Modify	Delete	Results
Animals	Opinions on Animals	Modify	Delete	Results
Super Survey	Assess opinions on Super Heroes	Modify	Delete	Results
Test Survey	For testing	Modify	Delete	Results
Another Test Survey	So we can do more testing	Modify	Delete	Results

The survey management page works much like the user management. There is a link to create a survey at the top, and the admin can modify, delete, or view results for each existing survey.

Creating a survey




Survey Title

Survey Description

Add Question Add Survey

Survey creation begins with the title and description.



Documenting Survey

For Documentation

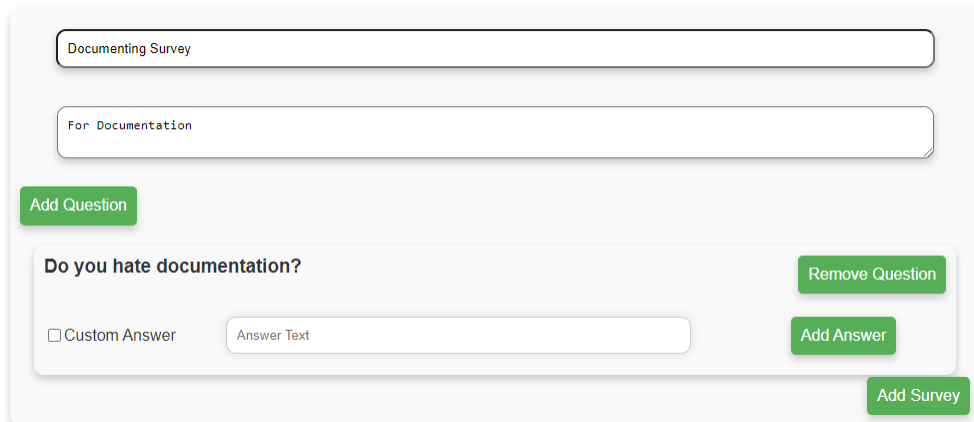
Add Question

Do you hate documentation?

Save Question

Add Survey

When the admin clicks add question the question text box pops up. After adding the text, they click save question, which will bring up the question for editing.



Documenting Survey

For Documentation

Add Question

Do you hate documentation?

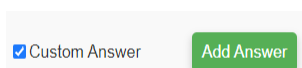
Remove Question

☐ Custom Answer Answer Text

Add Answer

Add Survey

The admin can remove the question or add an answer by either entering text and clicking add answer, or clicking custom answer, then clicking add answer.

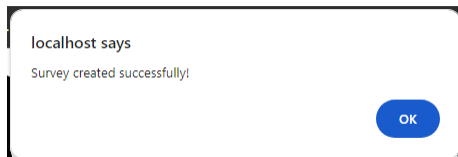


☒ Custom Answer Add Answer

Selecting custom answer hides the answer text box.

The screenshot shows a form for adding a new question to a survey. At the top, there are two text input fields: the first contains 'Documenting Survey' and the second contains 'For Documentation'. Below these is a green button labeled 'Add Question'. The main area of the form displays a question, 'Do you hate documentation?', with a green 'Remove Question' button to its right. Underneath the question, there are two answer options: 'Yes' and 'Other', each with a green 'Remove' button. At the bottom, there is a checkbox labeled 'Custom Answer' and a text input field labeled 'Answer Text'. To the right of the 'Answer Text' field is a green 'Add Answer' button. A green 'Add Survey' button is located at the bottom right of the form.

After adding the answers, they are displayed in the question box. Selecting remove removes the answer from the question. Several error checks are made before the admin can submit. The survey title, description and any existing question/answers must have data entered. Additionally, if a survey does not have at least one question, or a question does not have at least one answer, they are prompted to add one.



After all requirements are met, the survey is added, a notification is given, and the page is routed back to the survey management page.

Modifying a survey

The screenshot shows a form for modifying an existing survey. At the top, there are two text input fields: the first contains 'Documenting Survey' and the second contains 'For Documentation'. Below these is a green button labeled 'Add Question'. The main area of the form displays a question, 'Do you hate documentation?', with a green 'Remove Question' button to its right. Underneath the question, there are two answer options: 'Other' and 'Yes', each with a green 'Remove' button. At the bottom, there is a checkbox labeled 'Custom Answer' and a text input field labeled 'Answer Text'. To the right of the 'Answer Text' field is a green 'Add Answer' button. A green 'Save Changes' button is located at the bottom right of the form.

Modifying a survey works very similar to creating a survey. Existing answers are displayed (excluding custom answers other than the Other option).

Documenting Survey

For Documentation

Add Question

Do you hate documentation?

Remove Question

Yes is the only answer.

Remove

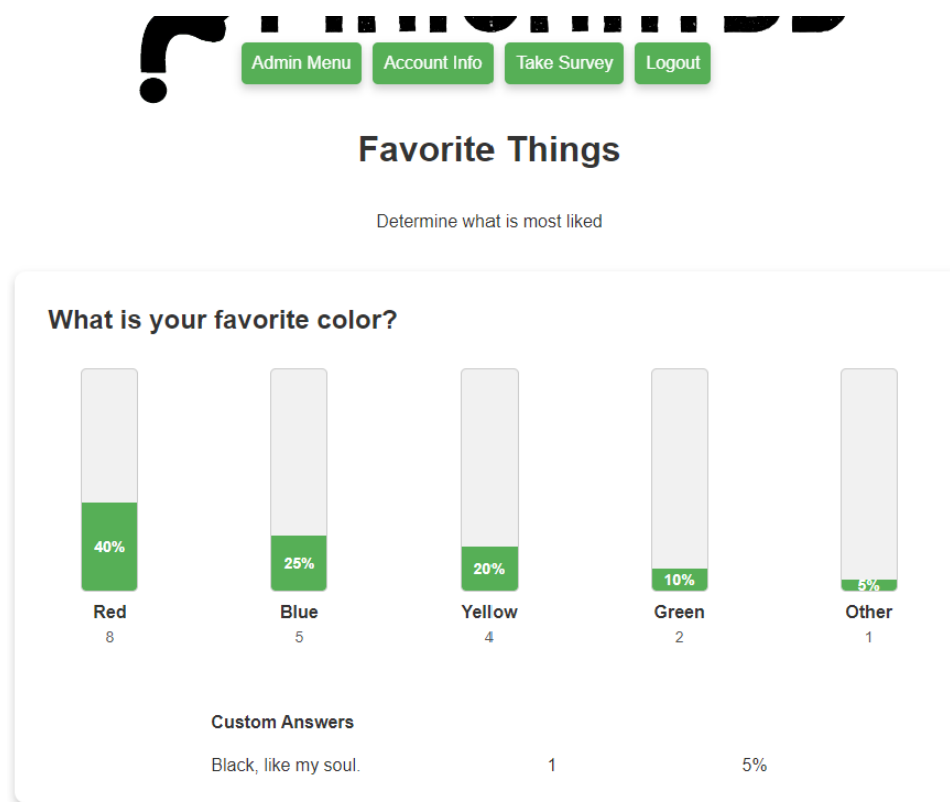
☐ Custom Answer

Answer Text

Add Answer

Save Changes

Viewing Survey Results



Survey results are displayed by question, with any custom entered answers listed below.

Not completed / Known issues / Missing features

Bugs:

- Need to correct the Account Info page styling

Features (mostly polish):

- Allow the user to view their responses on Completed surveys, and modify them if they choose.