

Thoughts and Questions

An Application to Support Just-in-Time
Teaching

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Sign Up/Log In

The screenshot shows the 'Sign Up' page of an application titled 'Thoughts and Questions: An Application to Support Just-in-Time Teaching'. The page has a dark header with navigation links: 'Role: not logged in', 'Logged in as: not logged in', 'Home', and 'Sign out'. The main content area is titled 'Sign Up' and contains the following form elements:

- Name**: A text input field. An annotation points to it: 'Name: full name (i.e. first and last); will be anonymous to other students'.
- Email**: A text input field with the placeholder '(must be your @brandeis.edu address)'. An annotation points to it: 'Email: @brandeis.edu e-mail ONLY'.
- Password**: A text input field with the placeholder '(8 characters minimum)'.
- Password confirmation**: A text input field.
- Sign up**: A button.
- Log in**: A link.

Name: full name (i.e. first and last)

- you will be anonymous to other students in the class

Email: @brandeis.edu e-mail only

The screenshot shows the 'Log In' page of the same application. The page has the same dark header with navigation links. The main content area is titled 'Log In' and contains the following form elements:

- Email**: A text input field.
- Password**: A text input field.
- Remember me**: A checkbox.
- Log in**: A button.
- Sign up**: A link. An annotation points to it: 'Link to create an account'.
- Forgot your password?**: A link.

Users (i.e. Students)

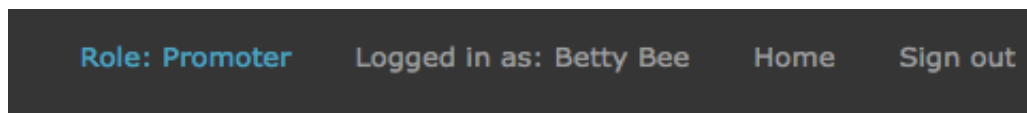
Phases

The Just-in-Time Teaching paradigm splits assignments into two phases: a writer phase and a promoter phase.

- The first (i.e. writer) phase consists of posting submissions in response to professor-generated prompts, often to be discussed during the next lecture.
- During the second (i.e. promoter) phase, these previously posted submissions are rated; the professor chooses among those submissions that received the highest rating (i.e. number of positive promotions) to discuss some submissions during the next lecture.

For each assignment, you, the student, will be assigned either a Promoter or a Writer Role.

- Since roles will change with each assignment, be sure to check your role each time a new assignment begins, as different roles perform different tasks at varying times (i.e. during their respective phases of the assignment). To discover your role for a given assignment, review the (black) site header upon logging in - your role for the current assignment will be displayed there.
 - If you log in during a phase that does not correspond to your role (as a Writer during the promoter phase or vice versa), you will be confronted with an Inactive page that notifies you of the next active phase.



- Upon logging in, you will automatically be directed to the appropriate view corresponding to your role for the current assignment.
 - You have the option of switching roles for the current assignment by going to the Homework Statistics link in your sidebar and clicking on the “Change Group” button if necessary.

Homework Statistics

The sidebar contains a Homework Statistics page (i.e. [Homework Statistics](#)”), which reveals a summary of details regarding the homework submitted by each individual.

- The student’s current role is displayed at the top of the page. Clicking the “Change Group” button allows the student to manage/change their assigned role (i.e. Writer or Promoter) for the current assignment.
- Also displayed is a tabular view of all of the student’s submissions per each prompt assigned thus far.
- Lastly, a table of all the promotions the student submitted including any optional comments you submitted and whether you chose to discuss or not discuss a submission.

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Role: Writer Logged in as: Betty Bee Home Sign out

Homework Statistics
Assignment

Homework Statistics

Current role: Writer

[Change Group](#)

Click to change group for current assignment

Submissions

Assignment	Submission
Assignment 1: Is the Ecological Footprint too simplistic?	How do bacteria create and release nitrogen into soil?
Assignment 1: How does the Ecological Footprint address waste flows?	Is bacteria involved in the carbon cycle? If so, how?
Assignment 1: Are there any standards set for Ecological Footprint assessments?	
Assignment 2: What concept in the chapter on speciation did you find most confusing?	How does genetic pollution cause the extinction of a species?
Assignment 2: What calculation was most difficult to understand from the ecology chapter?	What is a biome?
Assignment 2: What questions do you have regarding nutrient cycles?	I don't have any questions.

Submissions for all assignments thus far

Ratings

Assignment	Submission	Comment	Vote
Assignment 1	How does habitat fragmentation lead to speciation?	I would like to discuss this	Discuss
Assignment 1	How do bacteria create and release nitrogen into soil?		Discuss
Assignment 1	Can you explain the difference between a keystone species and an indicator species?		Discuss
Assignment 1	I do not understand what allopatric speciation means.		Don't Discuss
Assignment 1	How much of our resources are lost in the process of completing a nutrient cycle?		Don't Discuss

Promotions for all assignments thus far

Writers

If you are assigned a Writer role and the current assignment is in the writer phase, you will be taken to a page containing up to three (3) text boxes.

- There will be a prompt associated with each text box. Note: be sure to save each prompt response.
- You may edit your submissions until the writer phase ends.

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Role: Writer Logged in as: Betty Bee Home Sign out

Homework Statistics
Assignment

Writer Phase

The Writer phase ends on April 1, 2015 at 12:00AM.

Is the Ecological Footprint too simplistic?

How do bacteria create and release nitrogen into soil?

Save

How does the Ecological Footprint address waste flows?

Is bacteria involved in the carbon cycle? If so, how?

Indicates due date for writers (points to due date notice)

All prompts for assignment (points to the two prompts)

Save each response (points to the Save button)

Promoters

If you are assigned a Promoter role for the given assignment and the assignment is in the promoter phase, you will see a page containing up to three (3) tables – each corresponding to one of the assignment's prompts, if more than one was posted by the professor – with a variable number of submissions that you must rate.

- You will either mark a submission with “Discuss” or “Don’t Discuss.”
 - You may also leave an optional comment to justify your rating. Note: be sure to save each of your ratings.

The screenshot shows the 'Promoter Phase' interface. At the top, a dark header bar contains the text 'Thoughts and Questions' and 'An Application to Support Just-in-Time Teaching'. On the right side of the header, it says 'Role: Promoter', 'Logged in as: Jane Jean', 'Home', and 'Sign out'. On the left, a sidebar has 'Homework Statistics' and 'Assignment'. The main content area is titled 'Promoter Phase' with a sub-header 'The Promoter phase ends on April 28, 2015 at 12:00AM.' Below this, the prompt 'Is the Ecological Footprint too simplistic?' is shown. A table with two columns, 'Submission' and 'Rating', follows. The 'Submission' column lists three prompts: 'How do bacteria create and release nitrogen into soil?', 'How much of our resources are lost in the process of completing a nutrient cycle?', and 'How does habitat fragmentation lead to speciation?'. The 'Rating' column for each prompt has radio buttons for 'Discuss' and 'Don't Discuss', an 'Optional Comment' text box, and a 'Save' button. Annotations with arrows point to the 'Assignment' link in the sidebar (labeled 'Indicates due date for promoters'), the 'Promoter Phase' title (labeled 'Choose to discuss or not discuss a submission. Add an optional comment'), and the 'Optional Comment' text box.

When you have completed all of the promotions assigned to you for a given prompt of the assignment, a message will alert you that have rated all of the submissions for that portion of the assignment.

This screenshot shows the 'Promoter Phase' interface after all promotions for a prompt have been completed. The header and sidebar are the same as in the previous screenshot. The main content area shows the prompt 'Is the Ecological Footprint too simplistic?' with the sub-header 'The Promoter phase ends on April 28, 2015 at 12:00AM.' Below the prompt, a message states 'You have completed all the promotions for this prompt.' An annotation with an arrow points to this message, labeled 'Indicates that you have completed all assigned promotions for this prompt'.