User Requests Problem from Problem Generator
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Basic Course:

On the Expression Creator, the User will activate the program generator button. The System will create a new popup. The System will request a preview from the Problem Generator. The Problem Generator will generate and return a class containing the information for the problem. This preview window will contain a unmodifiable picture of this newly generated problem. The User will click on the Replace Current Problem button. The System will move any current progress in the editor to the History and move the generated problem to the editor.

Alternate Course:

Problem generator unable to generate problem: The System will randomly select an already existing problem from the Central Database. The System will notify an administrator.

User is not currently logged in: The System will ask the user if they wish to login, but will not enforce the user logging in.

User selects close button: The System will close the current preview window.