AI Faculty Toolkit

[Assignment Redesign]
Restructuring a Topic Research Assignment

Overview:

This project describes the redesign of one assignment within a large multi-part assignment. It illustrates the collaborative, iterative process between an instructor and generative AI using Claude 3.7 in the BoodleBox AI platform. Below is an outline of the process and outputs followed by a link to the full conversation if you want to review it within the platform.

Outline: Instructor-AI Interactions for Assignment Redesign

Initial Request

- Instructor requested redesign of a research assignment
- Provided specific learning objective: "Evaluating information sources related to food processing and food ingredients"
- Included web resource about SIFT method for evaluation
- Shared original assignment details focused on finding and citing sources

First AI Response

- Delivered complete redesign incorporating SIFT method
- Created structured framework with point allocations
- Added "Red Flags of Junk Science" analysis component
- Provided template for source evaluation
- Maintained core requirements of original assignment

Instructor Feedback and Context

- Clarified that assignment was part of multi-step project
- Provided broader project overview and learning objectives
- Explained dual focus on scientific and cultural perspectives
- Shared additional project parameters and options
- Listed comprehensive learning objectives for entire project

Second AI Response

- Revised assignment to better integrate with larger project
- Expanded scope to include both scientific and cultural sources
- Maintained SIFT evaluation framework
- Added project integration section
- Created alternative approaches tip for multiple perspectives
- Aligned with broader learning objectives while preserving core evaluation skills

Final Request

- Request for summarization of the exchange as faculty exemplar
- AI provided comprehensive summary highlighting educational value

Key Patterns in the Interaction

1. Instructor provided initial parameters and resources
2. AI implemented evidence-based framework into redesign
3. Instructor offered additional context and clarification
4. AI adapted design to accommodate broader context
5. Instructor requested documentation of the process

Full conversation

To view the full conversation between the instructor, instructional designer, and AI, create a free BoodleBox account at boodlebox.ai and visit the link below (note: this is an active thread so please don't engage in the conversation).

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