## Task 1: Evidence Guide

# Technical Cookbook Project: Higher-Order Thinking Questions

During your presentation/seminar, respond to the following questions that address the deeper thinking and decision-making processes you underwent during the project.

## 1. Analysis & Interpretation

**Question:**  
How did your preliminary research influence and refine the initial concept of your recipe? Were there any unexpected findings that led you to adjust or rethink your original idea?

## 2. Application & Problem Solving

**Question:**  
During the video scripting and design phase, what challenges did you encounter and how did you adjust your approach to overcome them? Specifically, how did you ensure your video tutorial would effectively communicate the steps and details of your recipe to a diverse audience?

## 3. Evaluation & Decision Making

**Question:**  
Based on the feedback you received during the peer review, what were the key areas of improvement identified for your recipe and video tutorial? How did you prioritize which feedback to act upon and what changes did you decide to implement or ignore?

## 4. Synthesis & Creation

**Question:**  
Reflecting on the entire process, how would you reimagine or further expand this project in the future? Considering all you've learned and the feedback received, design a brief proposal for a follow-up project or an advanced version of your current recipe.

## Rubric

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Knowledge, Comprehension & Application** |  |  |  |  |  |
| **CRITERIA** | **EXPECTATIONS** | **POSS** | **STUDENT** | **GIVEN** | **MULTI** | **TOTAL** |
| **Submission of core material** | You have submitted a design for a mechatronic thing. At the minimum your submission contains   * sketches of your intended project * programming specifications * CAD design of the final product * A diagram for cutting | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4  T \_\_/ 2 |
| **A Script/notes for your interview** | You have submittee your notes/script that you intend to use for your interview. | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4  T \_\_/ 2 |
| **Attendence to Interview** | You attended the interview | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4  T \_\_/ 2 |
|  | **Analysis, Synthesis & Evaluation** |  | | **SUBTOTAL** | | **A \_\_ / 12**  **T\_\_ / 6** |
| **Communicate complex ideas** | Both in your notes and in your interview, you expressed your nuanced knowledge and understaning of presenting/communicate complex ideas for both technical and non-technical users. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
| **Innovative/high-quality design** | Both in your notes and in your interview, you highlighted your ability to think of, considere, or implement novel/innovative/high-quality concepts. You express a nuanced knowledge of the quality/innovative nature of your design and how you made informed decisions on how to implement them. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
| **Technical Design** | Your deisgn is clearly intended for a third party to build the system from beginning to end within the time period. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
|  | **Submission Guidelines** |  | | **SUBTOTAL** | | **\_\_ / 12** |
| **Overall presentation quality** | Overall, the presentation **was well presented**. **Ideas were structured** well and **made sense within their contexts**. Answers were **direct and to the point**. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
|  |  |  | | **SUBTOTAL** | | **\_\_ / 4** |
|  | DAYS LATE \_\_\_/7 = \_\_\_% |  |  | **FINAL** | | **A \_\_/28 T \_\_/22** |