Assignment 2

1. Consider the following diagram:

   ![Diagram](image)

   a) Describe the main components of the diagram.

   b) Explain the functional relationship between the components.

2. Explain the purpose of the design decisions made in the diagram.

3. Identify any potential improvements to the design and suggest modifications.

4. Compare and contrast this design with another relevant design from a different field.

5. Reflect on the implications of this design for future applications and potential challenges.