Analysis

**Problem definition**

What is your problem intended to do?

What is the target audience?

What it intends to address?

**Background**

Why do you choose this problem?

**Research and investigation**

Are there any current similar problems?

If any, discuss their pros and cons in comparison with your proposed solution.

What are your target audience survey/interview results?

Is there a need for the proposed solution?

What improvements did those results tell you?

What justifications do you have for your solution?

**Objectives**

Give a list of specific and measurable objectives to reach a full solution

**Modeling**

Provide a proposed E-R diagram or/and data flow diagram on how the different components of the systems work together and how data will be passed among those components.