

CA01: Preliminary Investigation Overview

Selected System: _____

Members: (ID, Name)

1. _____

2. _____

3. _____

Due Date _____

PROBLEM 1: FISHBONE DIAGRAM

During a preliminary investigation, a systems analyst typically follows a series of steps.

1. Understand the problem or opportunity
2. Define the project scope and constraint
3. Perform fact-finding
4. Study usability, cost, benefit, and schedule data
5. Evaluate feasibility
6. Present recommendations to management

To understand the problem or opportunity, you must analyze the systems request. When you investigate a systems request, you need to determine which departments, users, and business processes are involved. In many cases, the system request does not reveal the underlying problem, but only a symptom. A popular technique for investigating causes and effects is called a *fishbone diagram*, or *Ishikawa diagram*.

Draw a fishbone diagram for your systems request.

- Group: 2-3 persons
- System request: one selected system

PROBLEM 2: PROJECT SCOPE

Determining the project scope means defining the specific boundaries of the project. *(the same group)*

- 2.1 Create a list with sections called "Must DO", "Should DO", "Could Do" and "Won't Do"
 - 2 items per a section
 - Make in a tabular

No.	Scope <i>(specific and clear)</i>	Must Do	Should Do	Could Do	Won't Do
1					
2					
3					
4					
5					
6					
7					
8					

● 2.2 Identify constraints by timing, type and urgency

- Present vs. Future
- Internal vs. External
- Mandatory vs. Desirable

