



Bangladesh Open University  
School of Science & Technology  
Bachelor of Science in Computer Science and Engineering

**Laboratory Report**

Course Title: System Analysis & Design Lab

Course Code: CSE22P5

Lab Report No.: 01

***Submitted by***

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***Submitted to***

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**Lab Report Name:** Create a flowchart of general problem-solving approach.

**Instrument:**

- Computer
- EdrawMax Software, etc.

**Procedure:**

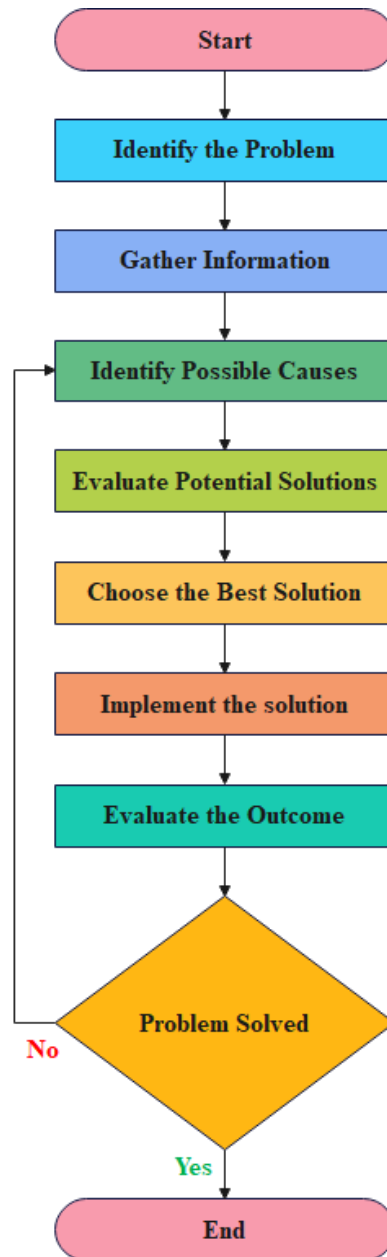
- At first, we have to know about general problem-solving.
- After knowing about general problem-solving we have to power on the computer.
- When the computer is ready to use, we have to open EdrawMax software.
- After opening EdrawMax software, we have to create the flowchart of general problem-solving approach.
- Finally, after drawing the flowchart, we have to ensure the flowchart is correct.

**General problem-solving steps:**

1. **Identify the problem:** Clearly state the issue you're trying to solve. Be specific and avoid ambiguity.
2. **Gather information:** Collect relevant data about the problem. This might involve asking questions, researching, or observing the situation.
3. **Identify possible causes:** Brainstorm potential reasons behind the problem. Consider different perspectives and factors that could be contributing.
4. **Evaluate potential solutions:** Analyze each possible solution based on its feasibility, effectiveness, and potential consequences. Consider constraints and resources available.
5. **Choose the best solution:** Select the solution that seems most likely to address the problem effectively and efficiently.
6. **Implement the solution:** Put your chosen solution into action.
7. **Evaluate the outcome:** Assess whether the solution successfully resolved the problem.
  - Yes: The problem is solved.
  - No: The problem persists or new issues arise. Re-evaluate the situation and iterate through steps 3-7, potentially trying a different solution or gathering more information.

## Flowchart:

1.



2.

