Instructions: Read, analyze, and comprehend the problem statement thoroughly. In a group of four, respond to the following requirements. Please write your answers on a full sheet of yellow paper. The completed activity should be submitted during our next class meeting.

Problem Statement:

A local library is experiencing a significant drop in visitor numbers and book checkouts. The library staff believes that this decline is due to the rise of digital media and the inconvenience of the library's current system for searching and locating books. They want to explore how technology can help improve the user experience and increase engagement with library resources.

Problem:

The library's current catalog system is outdated and not user-friendly, causing frustration among patrons when searching for books and navigating the library. The goal is to conduct applied research to identify the issues with the current system and develop a solution to improve the user experience.

Requirements:

Enumerate and briefly discuss the following:

1. Research Objectives
2. Research Methodology