

## EXPERIMENT 6

Experiment Name: Data Flow Analysis of the Project in Software Engineering

Objective: This lab experiment aims to introduce students to Data Flow Analysis, a technique used in software engineering to understand the flow of data within a software system. Students will gain practical experience in analysing the data flow of a sample software project, identifying data dependencies, and modelling data flow diagrams.

Introduction: Data Flow Analysis is a vital activity in software development, helping engineers comprehend how data moves through a system, aiding in identifying potential vulnerabilities and ensuring data integrity.

Below is the dataflow diagram:

