

The system life cycle.

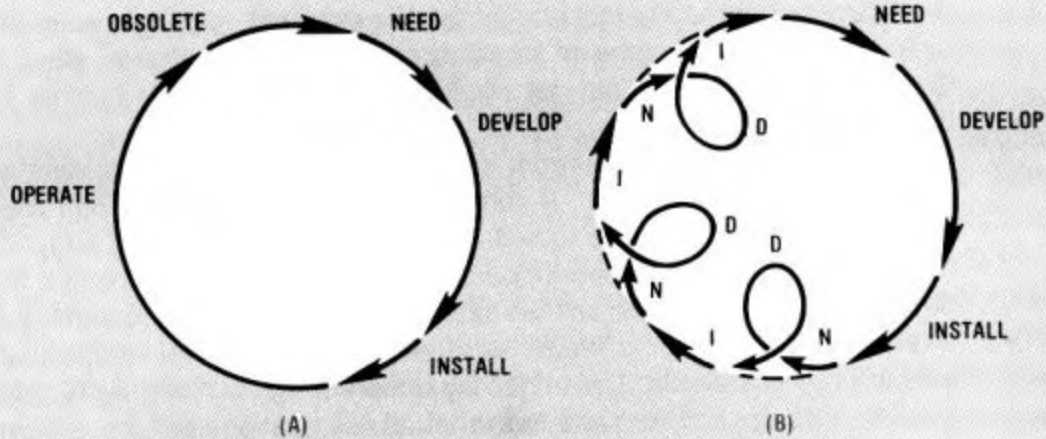


Figure 2.4. Phases and activities of the systems development life cycle.

INVESTIGATION PHASE

1. Initial Investigation
2. Feasibility Study

ANALYSIS AND GENERAL DESIGN PHASE

3. Existing System Review
4. New System Requirements
5. New System Design
6. Implementation and Installation Planning

DETAILED DESIGN AND IMPLEMENTATION PHASE

7. Technical Design
8. Test Specifications and Planning
9. Programming and Testing
10. User Training
11. Acceptance Test

INSTALLATION PHASE

12. File Conversion
13. System Installation

REVIEW PHASE

14. Development Recap
15. Post-Implementation Review

Figure 2.5. This diagram illustrates the process flow, information sources, and outputs as related to the phases of the systems development life cycle.

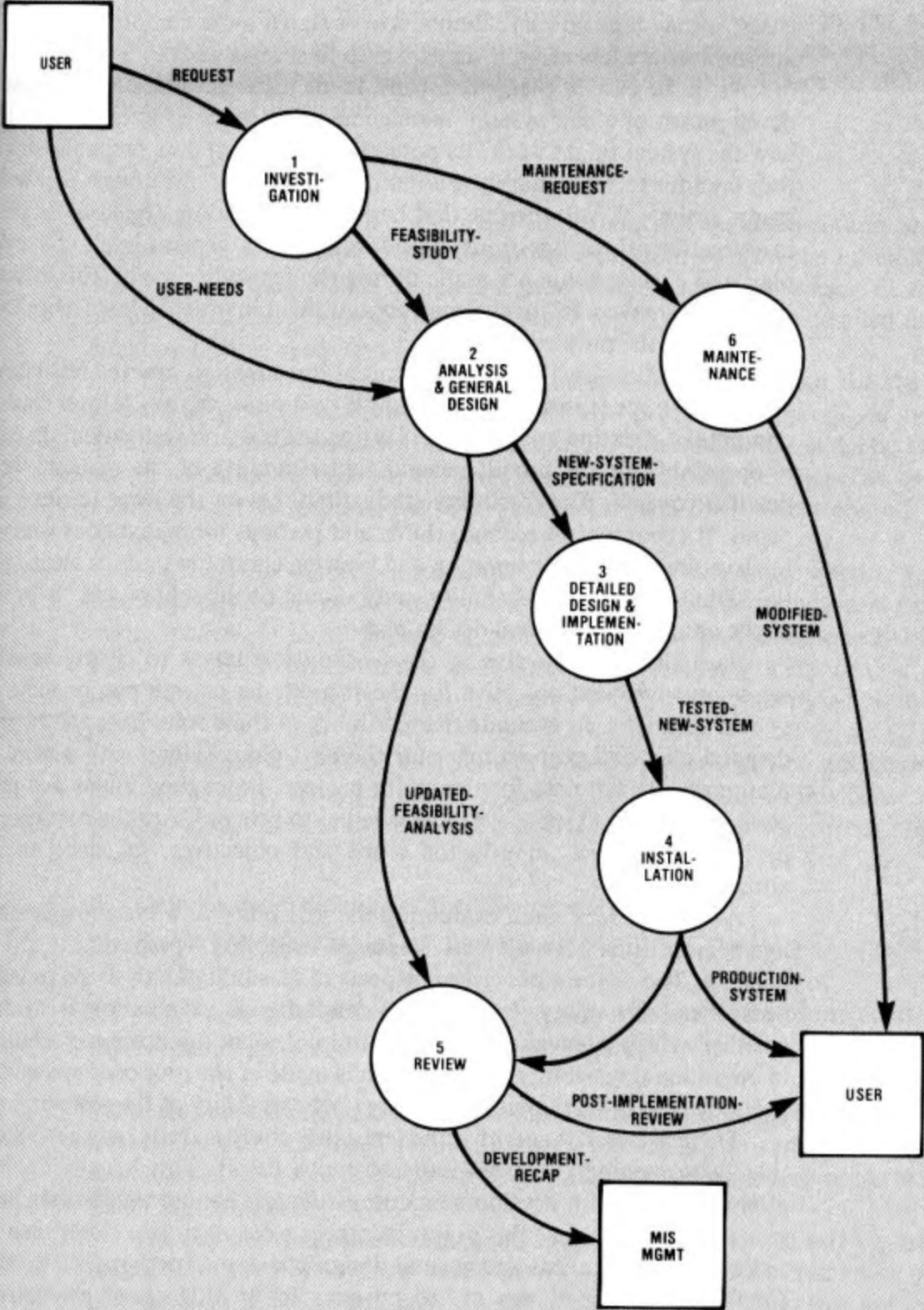


Figure 2.7. Process view of the analysis and general design phase of the systems development life cycle.

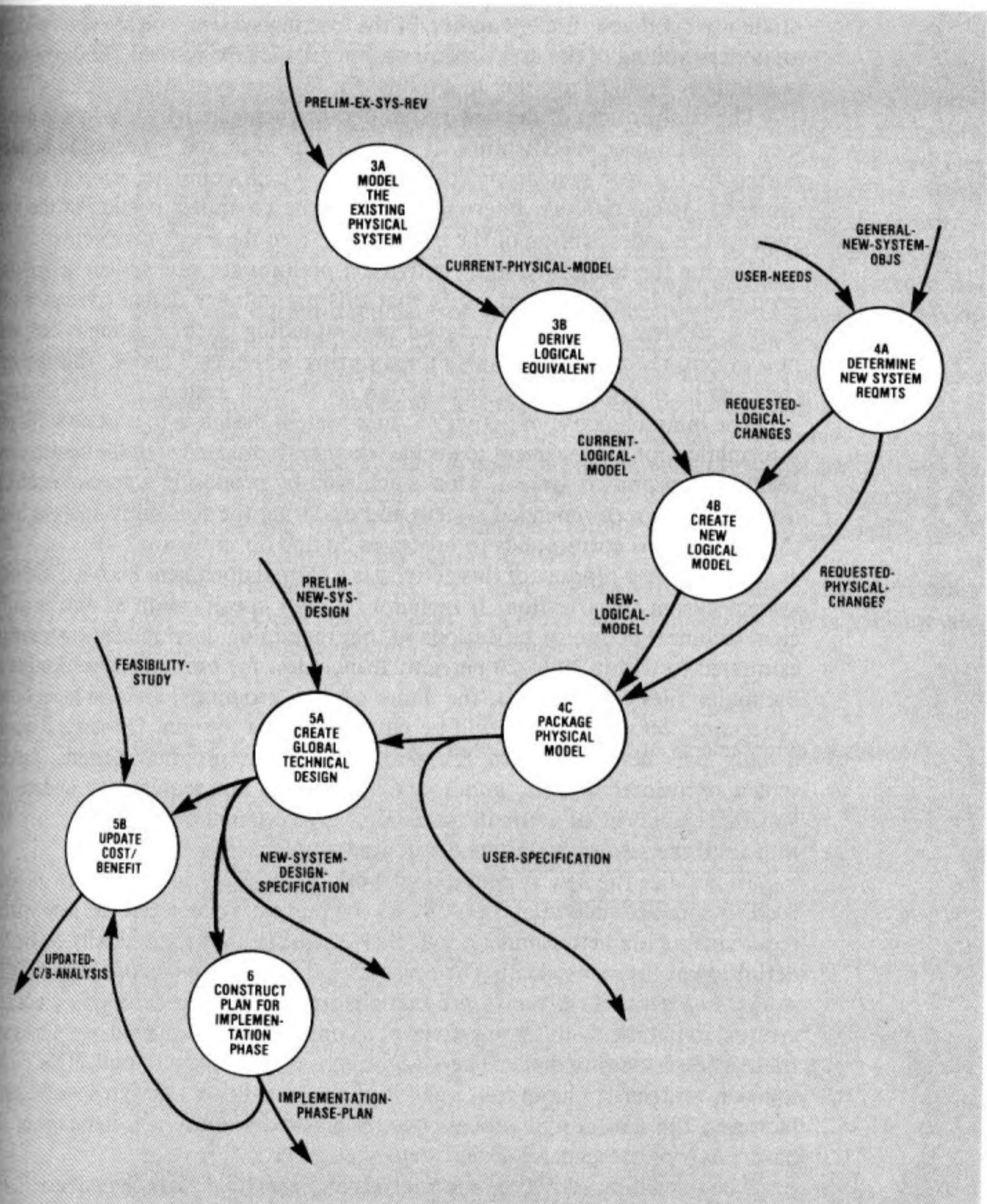


Figure 2.2. Data flow diagram for simplified student registration system.

