**Analysis: Library Management System**

**I. Class Diagram**

**Diagram

Description automatically generated**

**Classes with Attributes**

**Entity Classes:**

Table

Description automatically generated

**Boundary Classes:**

A picture containing text

Description automatically generated

**Control Classes:**

A picture containing diagram

Description automatically generated

**II. State Chart**

**Diagram

Description automatically generated**

**III. Use Case Realization**

Diagram

Description automatically generated

Diagram

Description automatically generated with low confidence

Diagram

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

A picture containing diagram

Description automatically generated