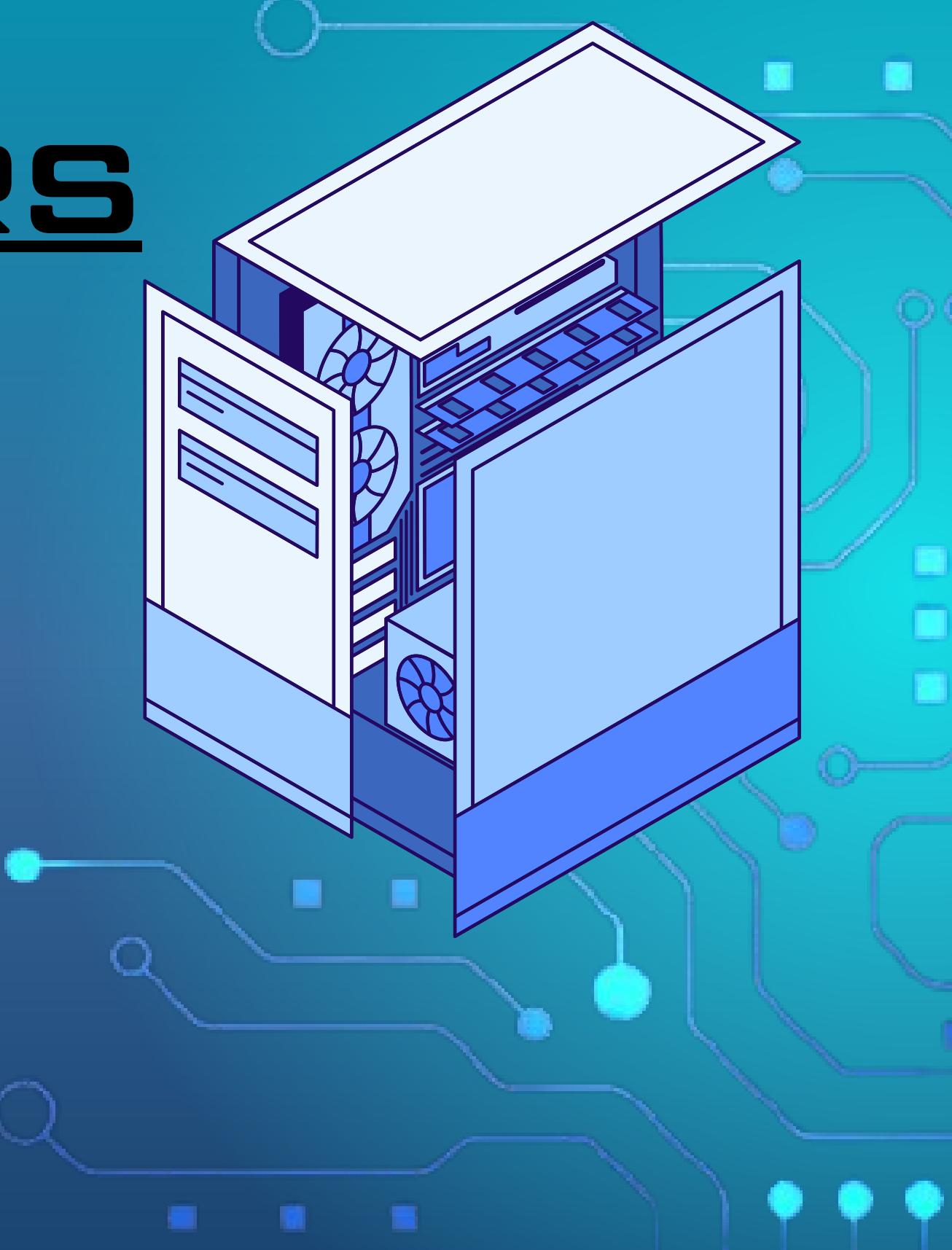


GROUP MEMBERS

- 1) Umair Naseem**
- 2) Faraz Ahmed**
- 3) Abdul Latif**
- 4) Tamseel**



INTRODUCTION

THE MINI LIBRARY MANAGEMENT SYSTEM IS A WEB-BASED PROJECT DESIGNED TO MANAGE BOOKS, MEMBERS, AND TRANSACTIONS.

IT HELPS LIBRARIES AUTOMATE ISSUING, RETURNING, AND TRACKING OF BOOKS.

OBJECTIVES

- PROVIDE AN EASY-TO-USE SYSTEM FOR MANAGING LIBRARY RESOURCES
- AUTOMATE BOOK ISSUE AND RETURN PROCESS
- MAINTAIN MEMBER DETAILS EFFICIENTLY
- STORE DATA IN A STRUCTURED DATABASE

TECHNOLOGIES USED

- FRONTEND: HTML, CSS
- BACKEND: NODE.JS
- DATABASE: MYSQL/SQL
- TOOLS: NPM PACKAGES, EXPRESS.JS

SYSTEM FEATURES

- MANAGE BOOKS (ADD, VIEW, DELETE)
 - MANAGE MEMBERS
 - ISSUE BOOKS
 - RETURN BOOKS
- CONTACT/HELP PAGE

DATABASE DESIGN

THE LMS.SQL FILE DEFINES THE DATABASE STRUCTURE:

- TABLES FOR BOOKS, MEMBERS, AND TRANSACTIONS
- PRIMARY KEYS ENSURE UNIQUE IDENTIFICATION
- FOREIGN KEYS MAINTAIN RELATIONSHIPS BETWEEN ENTITIES

USER INTERFACE

The screenshot shows a web browser window with the following details:

- Address Bar:** C:/Users/gh/AppData/Local/Temp/Rar\$EXa12872.33593/Mini%20Library%20Management%20System/index.html
- Toolbar:** Includes back, forward, search, and file operations.
- Bookmark Bar:** Shows links to Gmail, YouTube, 8Messages, Maps, New Tab, and All Bookmarks.
- Header:**
 - Logo:** A stack of three books icon.
 - Title:** LIBRARY MANAGEMENT SYSTEM
 - Navigation:** Home, Books, Members, Contact.
- Main Content:** A large, bold, black text "Welcome to the Library Management System" centered on the page.
- Footer:**
 - Made By: Faraz Ahmed, Tamseel Ahmed, Umair Naseem, Abdul Latif
 - © 2025 Library Management System. All rights reserved.