**Advance Database Project Deliverable**

**Midterm Report**

**Advanced Database Management Systems, fall 2021-22**

A formal business report with everything compiled into a single document (Word or PDF), which includes the following sections in order (the report should be properly paged, paragraphed, and sectioned):

1. Cover page with all the group members name and ID
2. Table of contents
3. System summary
4. An ERD diagram
5. Class diagrams of the system
6. Use case and activity diagrams of the system.
7. A database schema diagram, clearly showing every table, attributes, and date type.
8. Create all the tables and make sure you used sequence to handle primary key values at least

for two tables.

1. Screen shots of sample data: one screen shot for each table. You should enter enough data to demonstrate the use of the database (at least 5 records for each table)
2. To demonstrate some database use scenarios, design at least 10 questions/tasks (as complete as possible) in your application domain that need to query the database. Write SQL Select statements for all queries. At least 5 of these queries must have to be complex
3. You must have to create a simple User Interface for user authentication for successful Registration and login operation to the system by connecting your database.