**Topic: Database Design for Sporting Goods Store**

**Slide Structure and Work Division**

1. **Title Slide**  
   **Content:**
   * Presentation title: *Database Design for Sporting Goods Store*
   * Subtitle: *An Overview of Database Schema and Operations*
   * Names: Nurislam and Bekbol

**Responsibility:**

* + **Nurislam:** Create the title slide and add the team members' names.

1. **Introduction to the Database**  
   **Content:**
   * Purpose of the database.
   * Overview of the tables (Suppliers, Products, Customers, Orders, Order\_Items).
   * Importance of structured data for the store.

**Responsibility:**

* + **Bekbol:** Write the content and design the slide layout.

1. **Suppliers Table**  
   **Content:**
   * Table structure: supplier\_id, supplier\_name, contact\_name, etc.
   * Example: Insert statements and supplier details.
   * Why it’s important in managing vendors.

**Responsibility:**

* + **Nurislam:** Write the content and format the slide.

1. **Products Table**  
   **Content:**
   * Table structure: product\_id, product\_name, category, etc.
   * Example: Insert statements for products.
   * Link to Suppliers table.

**Responsibility:**

* + **Bekbol:** Write the content and design the slide.

1. **Customers Table**  
   **Content:**
   * Table structure: customer\_id, first\_name, last\_name, etc.
   * Example: Insert statements for customers.
   * Link to Orders table.

**Responsibility:**

* + **Nurislam:** Prepare and design the content for this slide.

1. **Orders Table**  
   **Content:**
   * Table structure: order\_id, customer\_id, order\_date, etc.
   * Example: Insert statements for orders.
   * Integration with Order\_Items table.

**Responsibility:**

* + **Bekbol:** Write the content and create the slide.

1. **Order\_Items Table**  
   **Content:**
   * Table structure: order\_item\_id, order\_id, product\_id, etc.
   * Example: Insert statements for order items.
   * Link to Products and Orders tables.

**Responsibility:**

* + **Nurislam:** Prepare and design the content for this slide.

1. **Relationships Between Tables**  
   **Content:**
   * Foreign key relationships (e.g., Products to Suppliers, Orders to Customers).
   * Importance of maintaining referential integrity.
   * Diagram of relationships (ERD).

**Responsibility:**

* + **Bekbol:** Create the diagram and write content for the slide.

1. **SQL Query Examples**  
   **Content:**
   * Queries for retrieving data (e.g., join statements, aggregations).
   * Real-world use cases for the queries.

**Responsibility:**

* + **Nurislam:** Write and showcase 2-3 example queries with results.

1. **Conclusion**  
   **Content:**
   * Summary of the database design and its benefits.
   * Final thoughts on implementation and optimization.

**Responsibility:**

* + **Bekbol:** Write and format the content for the concluding slide.

1. **Q&A Slide**  
   **Content:**
   * Placeholder for audience questions.

**Responsibility:**

* + **Nurislam:** Create a clean design for this slide.

**Work Timeline**

* **Day 1:** Prepare individual slide content.
* **Day 2:** Combine slides and review for consistency.
* **Day 3:** Rehearse presentation together.

This division ensures equal contribution and leverages individual strengths.