**CHAPTER 4: Business Rules**

A Business Rule is server-side logic executed when a record is inserted, updated, deleted, or queried. It runs in four timings:

• before

• after

• async

• display

**Before:**Executes before the database action (insert/update/delete/query) and Used to validate or modify data before it's saved.

**After:**Executes after the database action and Used for logging, notifications, or triggering other processes.

**Async:**Runs asynchronously after the action and Ideal for performance-heavy tasks that shouldn't block the user.  
 **Display:**Runs when a form is loaded and Used to send data from server to client (e.g., using g\_scratchpad).