I'll provide comprehensive examples and explanations for these four essential Mongoose functions.

I've created a comprehensive guide covering all four Mongoose functions. Here's a summary:

**Key Differences:**

**1. create()** - Used for creating new documents

* Takes document data as input
* Automatically saves to database
* Returns the created document(s) with generated \_id

**2. findOneAndUpdate()** - Combines finding and updating in one operation

* Atomic operation (safer for concurrent updates)
* Can create document if not found (with upsert: true)
* By default returns the *original* document (use new: true for updated version)

**3. findOne()** - Retrieves a single document

* Returns first matching document or null
* Read-only operation
* Useful for authentication, fetching user profiles, etc.

**4. find()** - Retrieves multiple documents

* Always returns an array (empty if no matches)
* Supports pagination with skip and limit
* Can chain methods for complex queries

All functions return **Promises** and support query operators like $gte, $lt, $in, etc. for flexible filtering.