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| **Unit Test** | **Module Tested** | **Expected Output** |
| test\_create\_user() | create\_user("john\_doe", "password123") | newuser.username == "john\_doe" AND newuser.id is not None |
| test\_get\_user\_by\_username() | get\_user\_by\_username("john\_doe") | user.username == "john\_doe" |
| test\_get\_user\_by\_id() | get\_user(1) | user.id == 1 AND user.username is not None |
| test\_get\_all\_users() | get\_all\_users() | List of User objects with length > 0 |
| test\_create\_driver() | create\_driver(status="Available") | driver.status == "Available" AND driver.id is not None |
| test\_get\_driver() | get\_driver(1) | driver.id == 1 |
| test\_create\_drive() | create\_drive(1, when="2026-01-10 18:00", current\_location="Main St") | drive.current\_location == "Main St" AND drive is not None |
| test\_get\_driver\_schedule() | get\_driver\_schedule(1) | List of Drive objects |
| test\_create\_resident() | create\_resident(name="Alice", street="Main St") | resident.name == "Alice" AND resident.street == "Main St" |
| test\_get\_resident() | get\_resident(1) | resident.id == 1 |
| test\_create\_stop\_request() | create\_stop\_request(1, 5, "Main St") | stop\_request.street == "Main St" AND stop\_request is not None |
| test\_get\_resident\_inbox() | get\_resident\_inbox(1, street="Main St") | List of Drive objects for "Main St" |
| test\_hashed\_password() | User.set\_password(“mypass”) | newuser.password != “mypass” |
| test\_check\_password() | User.check\_password(“mypass”) | True |

**UNIT TESTS**