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| Test Case ID | Test Scenario | Test Steps / Inputs | Expected Result | Actual Result | Status (Pass/Fail) |
| TC01 | Add New Car | Open Add Car Form → Enter details → Click 'Save' | Car should be saved to DB and appear in car list. | Car record added successfully. | Pass |
| TC02 | Add Car with Missing Fields | Leave Car Name blank → Click 'Save' | Validation: 'Car name cannot be empty' | Validation message displayed correctly. | Pass |
| TC03 | View All Cars | Click 'View All' | All cars should be displayed | Car list fetched successfully. | Pass |
| TC04 | Search Car by ID | Enter ID = C001 → Click 'Search' | Car details displayed | Correct car displayed. | Pass |
| TC05 | Update Car Details | Edit car price → Click 'Update' | Price updated in DB | Update reflected correctly. | Pass |
| TC06 | Delete Car | Select car → Click 'Delete' | Car removed from DB | Car deleted successfully. | Pass |
| TC07 | Add Booking | Select car → Enter details → Confirm booking | Booking saved with status 'Pending' | Booking created successfully. | Pass |
| TC08 | Approve Booking (Admin) | Login as admin → Approve booking | Booking status changes to 'Approved' | Approval buttons hidden for admin. | Fail |
| TC09 | View Bookings by User | Login as user → View 'My Bookings' | User’s bookings displayed | Displayed correctly. | Pass |
| TC10 | Seller Car Management | Login as seller → View owned cars | Seller cars displayed | Correct seller car list displayed. | Pass |
| TC11 | Invalid Booking (Missing Details) | Leave pickup date empty → Click 'Book' | Validation message | No validation; booking still created. | Fail |
| TC12 | Database Connection Failure | Stop DB → Launch app | Error: Unable to connect to DB | Error handled properly. | Pass |
| TC13 | UI Field Validation | Enter 'abc' in price field | Error: Price must be a number | Generic error message shown. | Fail |
| TC14 | Table Refresh After Operation | Add car → Check table | Table refreshes automatically | Table refreshed correctly. | Pass |
| TC15 | Logout Functionality | Click 'Logout' | Return to login screen | Logout successful. | Pass |
| TC16 | Exit Application | Close window | App closes without errors | Closed gracefully. | Pass |