

This document notes each database management function called by the application organized by the page that it is called on. Descriptions of these functions can be found in the document titled DBM Function List. The app pages will be organized in an order that reflects the navigation of the app. An asterisk means that the function is only called on one page and N/A means that no functions are called on that page.

**main.dart:**

- N/A

**login\_screen.dart:**

- initializeDatabase\*
- authenticate\*

**forgot\_password\_page.dart:**

- forgotPassword\*

**sign\_up.dart:**

- getUserInfo
- createStudentUser\*
- editUserAccount\*
- createAdminUser\*

**home\_page.dart:**

- getUserInfo
- findRequests\*
- getRequestInfo
- historyIDbyUser\*
- getHistoryInfo
- allRequestIDs\*
- allHistoryIDs
- userByUIN

**request\_detail\_page.dart:**

- getRequestInfo
- denyRequest\*
- approveRequest\*

**navigator\_drawer.dart:**

- N/A

**profile\_page.dart:**

- getUserInfo
- removeUser\*

**notifications\_page.dart:**

- allStudentUsers
- getUserInfo

**equipment\_page.dart:**

- equipmentByCategory\*
- getEquipmentInfo
- allCategories
- allLocations
- allEquipment\*
- equipmentByLocation\*

**new\_equipment.dart:**

- allCategories
- allLocations
- getEquipmentInfo
- newEquipment\*
- editEquipment\*

**equipment\_detail\_page.dart:**

- getEquipmentInfo
- generateNewRequest\*
- removeEquipment\*

**form\_requirement\_page.dart:**

- allFormIDs
- getFormInfo
- addFormRequirement\*
- getEquipmentInfo
- removeFormRequirement\*

**forms\_page.dart:**

- allFormIDs
- getFormInfo
- getUserInfo
- removeForm\*

**new\_form\_page.dart:**

- allFormIDs
- allStudentUsers
- getFormInfo
- getUserInfo
- newForm\*

**history\_page.dart:**

- allHistoryIDs
- getHistoryInfo
- getUserInfo
- userByUIN

**history\_detail\_page.dart:**

- getHistoryInfo
- verifyCheckIn\*
- removeHistory\*

**edit\_history.dart:**

- getHistoryInfo
- allAdminUsers
- editHistory\*

**users\_page.dart:**

- allStudentUsers
- allAdminUsers
- getUserInfo

**model\_controller.dart:**

- N/A