**Database Information**

**Table 1:** Listings table query functions.

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| **Function** | **Description** | **Default Ordering** | **Purpose** |
| getAllListingsByMostRecent() | Returns all attributes and all listings and sorts by recently added. | Date; most recent. |  |
| getAllListingsByUserId() | Return all attributes and listings where listing is owned by user. | Date; most recent. |  |
| getAllListingsUserFavourited() | Return all attributes and listings that user has favourited of other user’s listings. | Date; most recent. |  |
| getAllListingsByCategory() | Return all attributes and listings filtered by a specific category | Date; most recent. |  |
| getAllListingsByCity() | Return all attributes and listings filtered by a specific city. | Date; most recent. |  |
| getMostFavouritedListings() | Return all attributes and listings for the top most favourited. | Favourited; most favourited. |  |
| getAllListingsByFilters() | Return all attributes and listings based on specific search criteria. | Date; most recent. |  |

**Table 2:** Messages table query functions.

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| **Function** | **Description** | **Default Ordering** | **Purpose** |
| getAllMessagesByListingID() | Returns all attributes and messages for a specific listing. | Date; oldest to newest. |  |
| getAllMessagesByUserID() | Returns all attributes and messages for a specific user. | Date; oldest to newest. |  |
| getAllMessagesForUserByListingID() | Returns all attributes and messages for a specific user for a specific listing. | Date; oldest to newest. |  |