# Sprint 3 Manual Testing Documentation

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This document will outline the procedures and results of manually testing some of the user stories as specified in our sprint planning document. Any user story tests not mentioned in this document were tested with unit tests or test scripts.

## **User Story 2 Test:**

**User Story:** "As a user, I would like to have access to a tutorial so that I can learn my way around the app when I first download it."

**Test:** Tutorial is accurate in terms of how to maneuver the app

### **Testing Procedure:**

- 1. Navigate to Tutorial page
- 2. Read the tutorial and apply the steps given to see if tutorial is accurate (expected to be) Testing View Creation
  - a. Press Start AR
  - b. Aim phone camera at detection carpet
  - c. Creation should appear as expected

#### **Results:**

1. To get to the Tutorial page was successful by clicking the bottom right '?' icon from the starting menu prior to login.



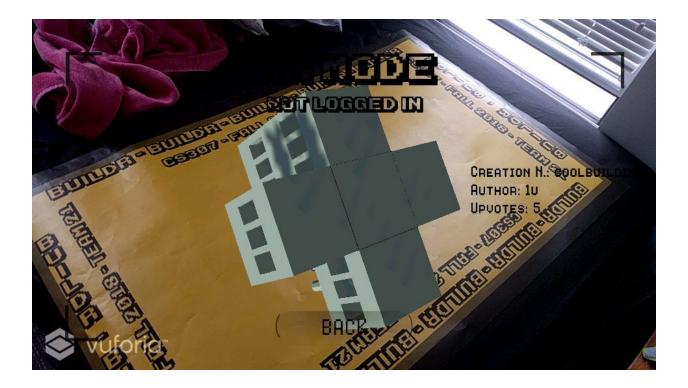
2. The tutorial text is easy to read.



3. Following the tutorial, Pressing Start AR is functional.



4. The camera is functional and aiming the camera at the detection object allows the creation to appear on the carpet.



**Testing Summary:** The manual testing for User Story 2 was successful. Clicking the '?' icon accesses the tutorial where I could scroll down and read the tutorial. It was accurate as I was able to get to AR mode with no issues and setting my camera on the detection carpet was successful. It allowed a creation to pop up in the AR world.

## **User Story 3 Test:**

**User Story:** "As a user, I would like to be able to enable or disable being publically visible in the AR world in case I want to hide from others in the AR world."

**Test:** Test that uploaded models are properly tagged as private or public in backend

## **Testing Procedure:**

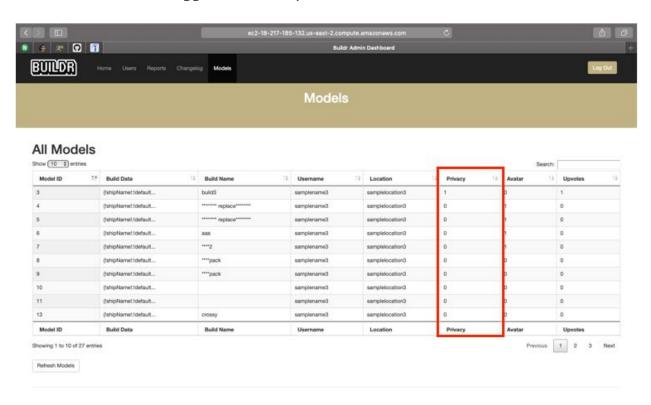
- 1. Tag a model as public
- 2. Tag a model as private
- 3. Go to admin page to see if that model is tagged as private

### **Results:**

- 1. The "Make Your Creation Private?" check box allows a user to
  - a. Check the box if they want to make it private
  - b. Leave box empty if the user wants to make their creation public



- 2. Models are updated as public or private respectively in the database as intended.
  - a. Models tagged as "1" are private
  - b. Models tagged as "0" are public



**Testing Summary:** The manual testing for User Story 3 was successful. Tagging Model Name "build3" as private and uploading that model was saved in the database as private. It can be seen in the admin Models table that private models are tagged as "1" under the privacy column and public models are "0".

## **User Story 5 Test:**

**User Story:** "As a user, I would like to be able to view the change log for updates to the app so I can see what features have been added or removed for each build."

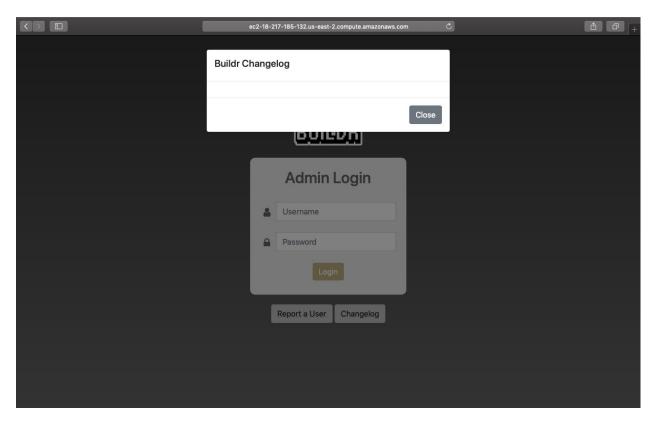
**Test:** Verify that new changelogs are receivable and readable from the client

## Testing Procedure:

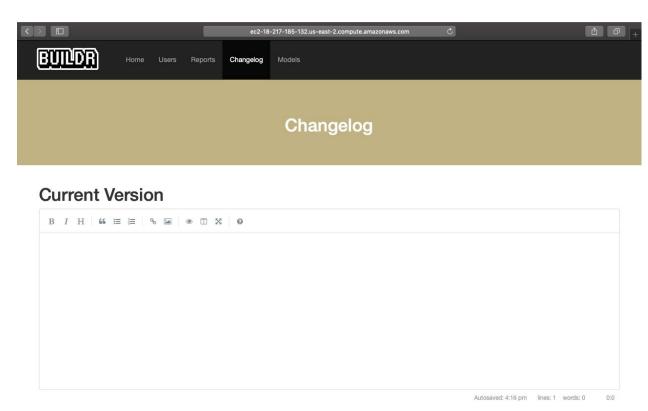
- 1. Click Changelog (should be empty for testing) on admin website
- 2. Login as admin and go to changelog page
- 3. Edit the changelog (add text)
- 4. Submit the changelog
- 5. Refresh
- 6. Go to login page and click changelog compare results to expected (expected-changelog is updated)

#### **Results:**

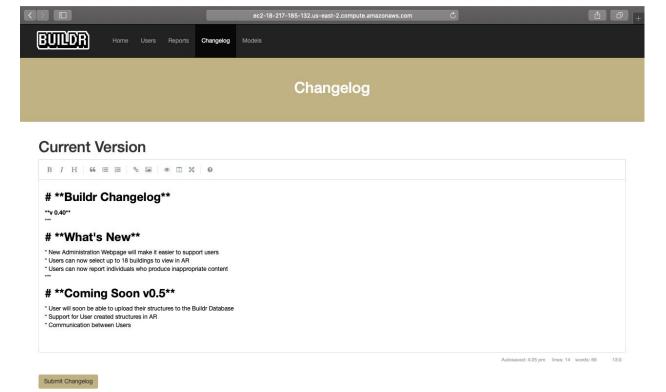
1. Changelog button works and changelog is empty for testing purposes.



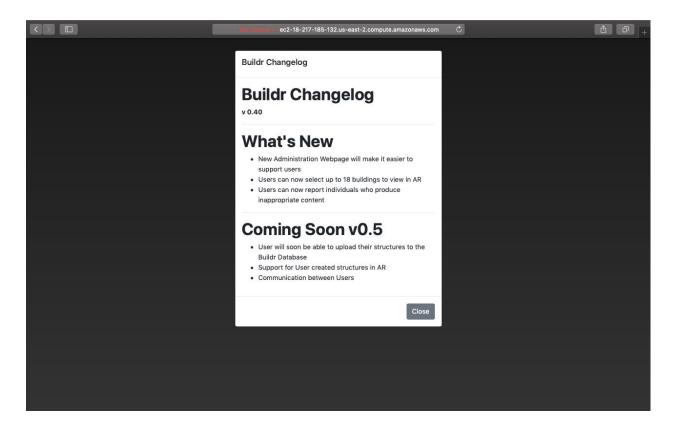
2. Logged in as administrator and navigating to changelog page was successful.



3. Adding text to the changelog is successful as text can added without issues.



4. After adding the text, submitting the new changelog and refreshing the page, going back to the login page you can see the changelog was successfully changed.



**Testing Summary:** The manual testing for User Story 5 was successful. The changelog button to view the changelog is functional on the login page and navigating to changelog page on the administrator website is also functional. Adding text works without any issues and submitting works too. After submitting and refreshing the changelog page we can view on the login page that the changelog was indeed received and readable from the client.

## **User Story 6 Test:**

**User Story:** "As a user, I would like to be able to friend other users on the platform so that I can communicate with them through direct messages."

**Test:** Verify that a user can add other users as friends (by username) and direct message them inside the interface

## **Testing Procedure:**

\*Note the User for this testing procedure is 1u

- 1. Click Social to get to the DM/add friends screen
- 2. Add friends (2u & 3u) by username in the "To add friend" textbox (expected to add)
- 3. Select a friend to message
- 4. Send messages between two users (expected to send)
- 5. Switch to message another friend to prove direct messages works for all friends should send without issues

#### Results:

1. Clicking Social leads to the Social screen was successful.



2. Adding friend by username was successful. Both friends user "2u" and "3u" were added successfully.



3. Selecting a friend to send direct messages with is functional and the direct messages were also sent without issues.



4. Switching between friends also works as messages can be received from all friends.



**Testing Summary:** The manual testing for User Story 6 was successful. Users can add friends using the "To Add Friend" textbox and add the user they want to friend by username. Messages can be sent between friends without issues. And the user can add multiple friends and send direct messages between these friends.

## **User Story 7 Test:**

**User Story:** "As an administrator, I would like to be able to ban (or timeout) other users from the platform to deal with troublemaking users."

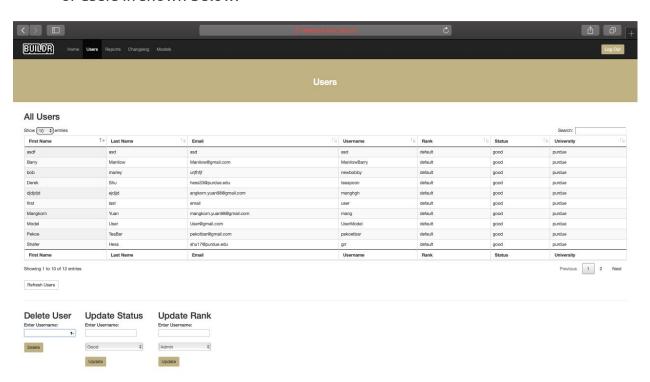
**Test:** (1) Verify that an administrator can punish other players through the control panel and that the punishment is recorded in the database and properly restricts the users actions

## **Testing Procedure:**

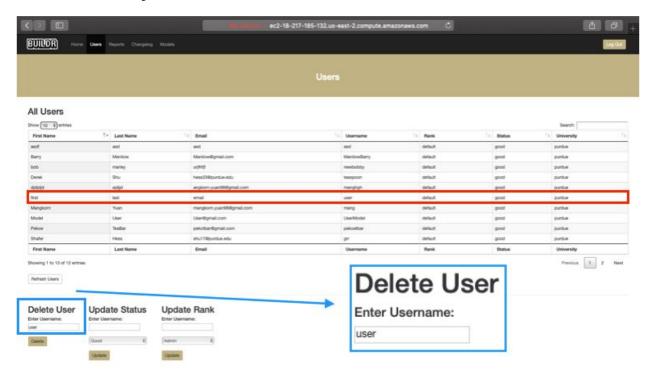
- 1. Navigate to admin Users page
- 2. Ban user with the username "user" by typing the username under the "Delete User" textbox
- 3. Press Delete
- 4. Press Refresh Users (expected user to be removed from Users table on admin page)

#### **Results:**

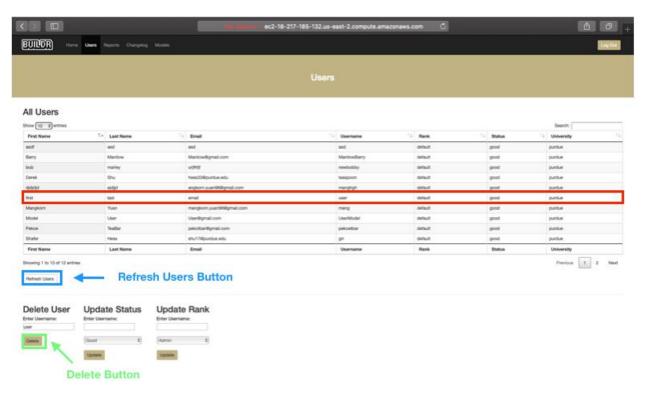
1. Navigating to the User's page on administrator website was successful. Table of users in shown below.

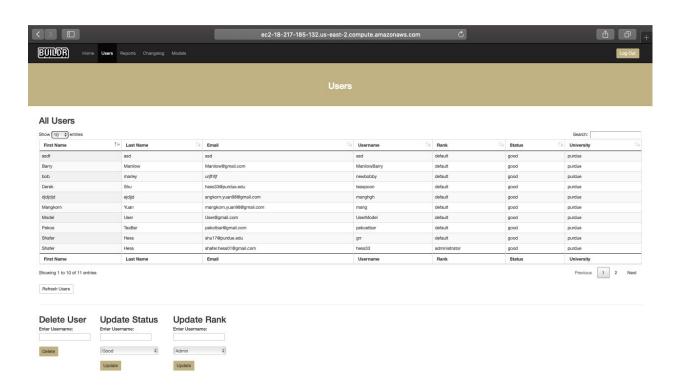


2. Typing the user that is to be banned into the Delete User was successful. There was not any issues with it.



3. After pressing Delete and Refresh Users, the user was successfully deleted from the database and no longer shown on the admin Users Table.





**Testing Summary:** The manual testing for User Story 7 was successful. The administrator can access the User Table on its website and enter the username it wishes to delete due to a violation. After pressing Delete then Refresh Users the user selected (user) was deleted from the database and no longer shown on the admins Users Table.

## **User Story 8 Test:**

**User Story:** "As an administrator, I would like to be able to censor inappropriate words in the comments and replace them with stars."

**Test:** Inappropriate words are censored to all users in the chat

## Testing Procedure:

- 1. Type a message containing and inappropriate word (the word "test" is censored for this testing)
- 2. Send the message and compare results to expected (expected to be replaced with '\*'s)

### **Results:**

1. The chat is functional. "Test" (our censored word) could be typed in the user's text box.



2. After pressing send the inappropriate word "test" was successfully replaced with '\*'s.



**Testing Summary:** The manual testing for User Story 8 was successful. After using the word "test" as our censored word for this test, it was successfully replaced with '\*'s as expected to.

## **User Story 9 Test:**

**User Story:** "As a user, I would like to be able to report inappropriate content made by other users so that the content will be reviewed and possibly removed."

**Test:** Users can report and administrator decides to remove content if terms are violated, admins can decide to remove

## Testing Procedure:

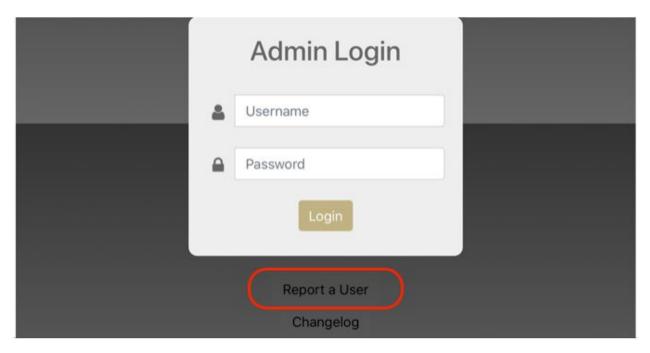
- 1. Click the mail button in the signup page
- 2. Click Report a User
- 3. Enter the username to report (UserModel) reason for report (Goes to IU)
- 4. Click Report User
- 5. Login and click refresh reports
- 6. Check if report is added to the admin reports table (expected)
- 7. If not violated release report and no further actions is needed
  - a. Enter Report ID (7) that I wish to remove
  - b. Press Release then Refresh Reports (report expected to be gone)
- 8. If violated remove the content
  - a. See User Story 12
  - b. Repeat the release report steps

#### **Results:**

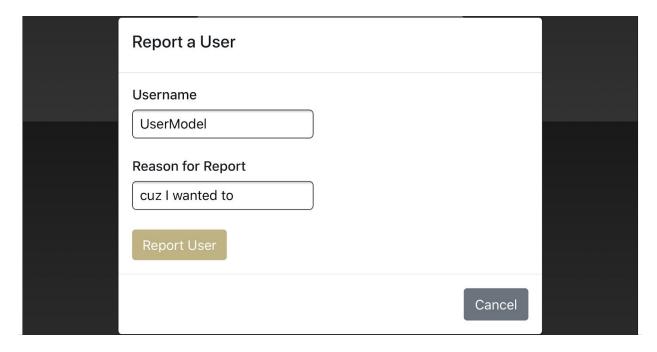
1. User report button is functional and sends the user to the admin site where the user can report the user.



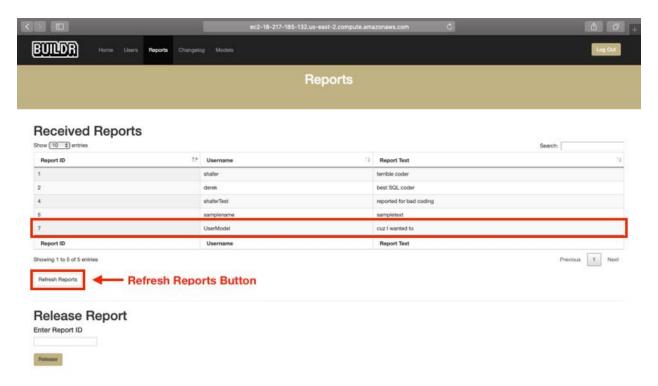
2. Clicking Report a User is functional and by doing so the UI to enter the information pops up.



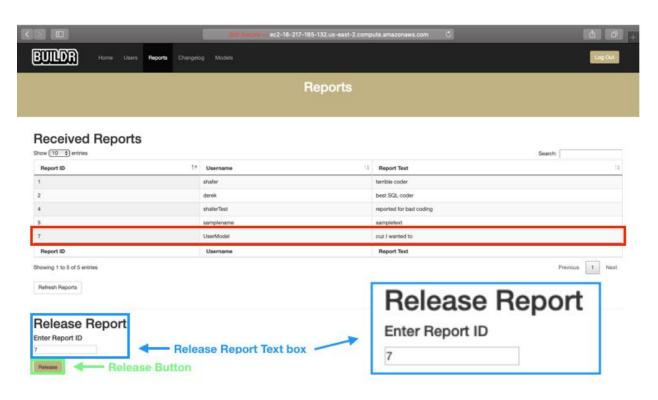
3. Username and reason for report can be entered and submitted by pressing "Report User" successfully.

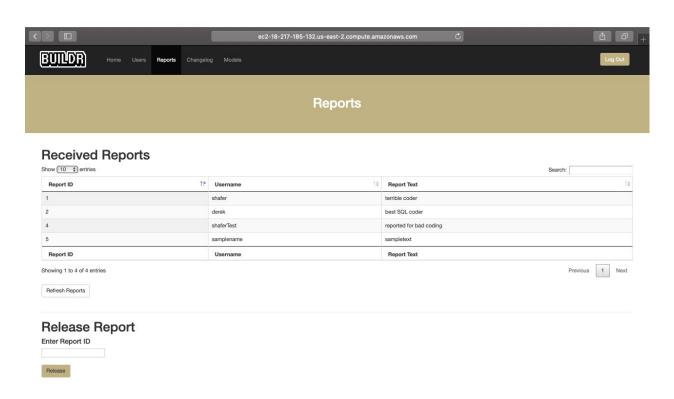


4. After pressing "Refresh Reports" report is successfully added to the admin reports table.



5. After deciding there is no violation then report can be released successfully after entering the Report ID then pressing Release then Refresh Reports. Report is released and no longer included in the admin reports table.





6. The results of a violation and steps taken to remove the violation was successful and shown in User Story 12.

**Testing Summary:** The manual testing for User Story 9 was successful. Clicking the mail icon led to the admin login page where the user can click "Report a User" and enter the respective fields. After pressing send, the report is sent to the database where the admin can view the report after clicking "Refresh Reports". If an admin decides that there was no violation with the report than the admin can release the report and no further action is needed. If the admin decides that there was a violation then the admin can proceed with the steps described in User Story 12.

## **User Story 10 Test:**

**User Story:** "As a user, I would like to be able to have full control and transparency over my privacy settings and data collection so I know exactly what data is being collected and what data I'm providing."

**Test:** Spell check, grammar check, and properly shows in app

## **Testing Procedure:**

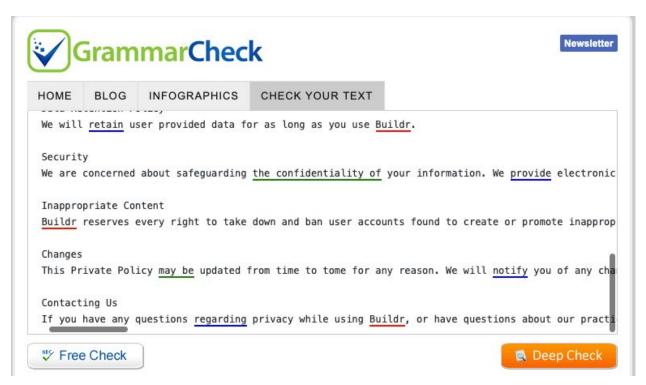
- 1. Put the privacy policy text in a spell check website
- 2. Correct the spelling mistakes if any
- 3. Put the privacy policy text in a grammar check website
- 4. Correct the grammar mistakes if necessary
- 5. Check privacy policy on app (expected to show without any issues)

#### **Results:**

1. Privacy Policy text in spell check website <a href="www.jspell.com">www.jspell.com</a> and corrected any spelling errors detected by the website



2. Privacy Policy text in grammar check website <a href="www.grammarcheck.net">www.grammarcheck.net</a> and corrected any grammar errors detected by the website (green underline is the suggested grammar mistakes)



3. The Privacy Policy successfully shows on the app under Credits with no issues. The entire Policy can be seen using the scrollbar.



**Testing Summary:** The manual testing for User Story 10 was successful. The spell check website was useful and helped with correct some spelling errors in the Privacy Policy text. The grammar check had some grammar suggestions in the text, however, they were not necessary to change. The user can see their Privacy Policy under Credits in the app and can scroll down to see all of it.

## **User Story 12 Test:**

**User Story:** "As an administrator, I would like to be able to delete other user creations in the application (if inappropriate)"

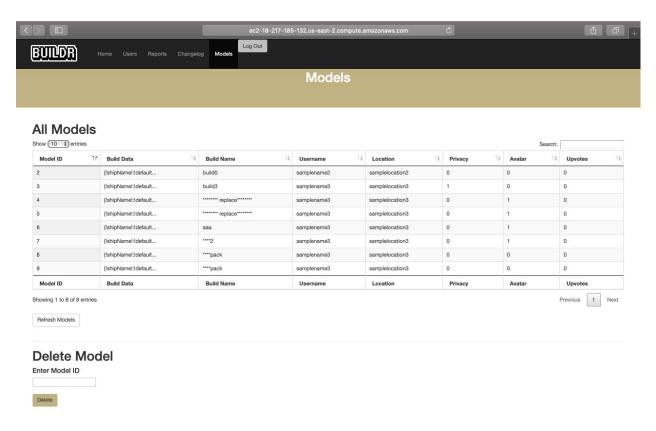
Test: Users' creation is deleted and updated

## **Testing Procedure:**

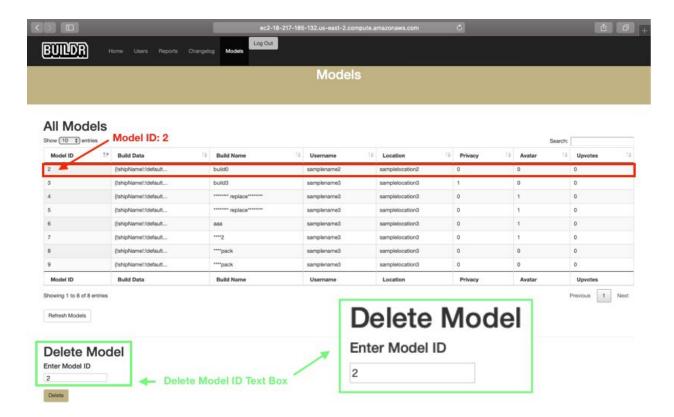
- 1. Navigate to the Models page on the admin website
- 2. Enter a Model ID (2) into the "Enter Model ID" textbox
- 3. Push Delete
- 4. Push Refresh Models
- 5. See if the results are successful and as expected Model ID 2 should have been deleted from the database and show as deleted on the All Models table

#### **Results:**

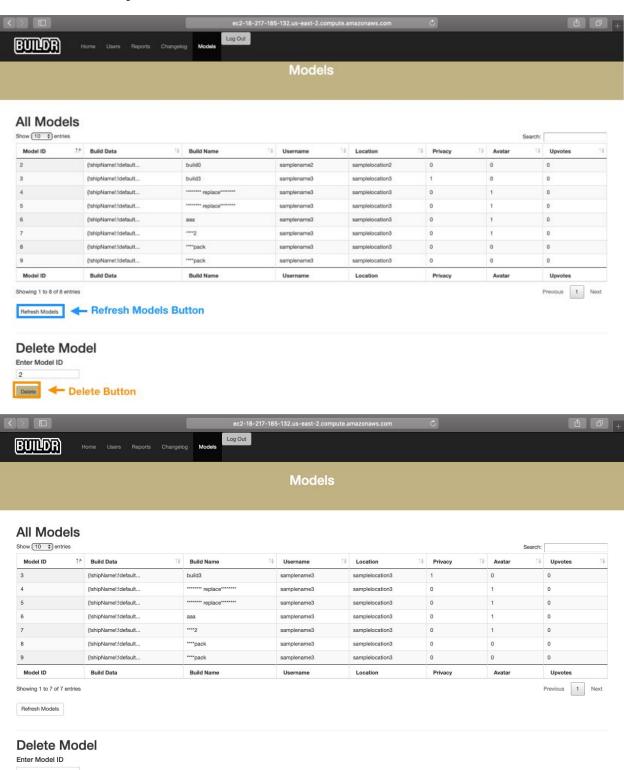
1. After logging in as an administrator, navigating to the Models page was successful.



2. Entering the Build Name "build0" in the "Enter Model Name" was successful as text could be entered without issues.



3. Pressing "Delete" then "Refresh Models" buttons work as the model is successfully removed from the table.



Delete

**Testing Summary:** The manual testing for User Story 12 was successful. The administrator can login and navigate to the models page without any issues. The Model ID "2" was typed into the "Enter Model ID" textbox and after pressing the delete then refresh models buttons, the model was deleted from the table.