

## Manual Testing for the URMH Interface

### Logging In

**Test 1.** Logging in with an invalid account.

- **Input condition.** Upon start up, a log in window appears, prompting the user for their username (email) and password. The user tries to log in with an account that has not yet been registered, or an account with an incorrect username or password.
- **Expected result.** A message telling the user that he/she has typed in the incorrect log in information will appear, and the log in window will once again be displayed.

**Test 2.** Logging in with a manager or superuser account.

- **Input condition.** Upon start up, a log in window appears, prompting the user for their username (email) and password. The user successfully logs in with a registered account with manager or superuser permissions.
- **Expected result.** A button that launches the manager's interface is visible. Pressing this button will launch the managerial interface. The default interface is automatically launched.

**Test 3.** Logging in with a radiologist account.

- **Input condition.** Upon start up, a log in window appears, prompting the user for their username (email) and password. The user successfully logs in with a registered account with radiologist permissions.
- **Expected result.** The button that launches the manager's interface is not visible. The default interface is automatically launched.

### The Manager's Interface

**Test 4.** Launching the interface.

- **Input condition.** The user presses the button (described in Test 2).
- **Expected result.** The manager's interface is successfully launched.

**Test 5.** Updating event information.

- **Input condition.** The user presses the “update” button.
- **Expected result.** The event-log table will pull data from the database and show the latest entries.

**Test 6.** Interacting with event log entries.

- **Input condition.** The user clicks an event log displayed in the event-log table.
- **Expected result.** The information-table will pull data from the database and show the information of the fieldworker who pushed the entry and the radiologists that have responded to the entry.

**Test 7.** Exiting the interface.

- **Input condition.** The user clicks the “exit” button.
- **Expected result.** The managerial interface window will close. Users can continue to use the default interface.

## The Default Interface

**Test 8.** Launching the interface.

- **Input condition.** The user successfully logs in.
- **Expected result.** The default interface is automatically launched.

**Test 9.** Updating record information.

- **Input condition.** The user presses the “update” button.
- **Expected result.** The record table will pull data from the database and display new records that the user has not yet responded to.

**Test 10.** Interacting with records.

- **Input condition.** The user clicks a record displayed in the record table.
- **Expected result.** The information-table will pull data from the database and display the contents of the record, including basic information about the patient this record belongs to, and the record entry itself. The user is given the option to respond to the record.

**Test 11.** Interacting with patients.

- **Input condition.** The user clicks a patient displayed in the information table.
- **Expected result.** Additional information about the patient is shown.

**Test 12.** Responding to a record.

- **Input condition.** The user selects a record and wishes to respond to it.
- **Expected result.** A window containing a text field and the image from the record (if one is provided) is displayed. Users can write their response in the text field and provide any annotations on the shown image. Once the user fills in an appropriate response, they are given the option to send it.

**Test 9.** Logging out.

- **Input condition.** The user clicks on the “log out” button.
- **Expected result.** The user is logged off and the log in window is once again displayed.

**Test 10.** Exiting the interface.

- **Input condition.** The user clicks on the “exit” button.
- **Expected result.** The default interface will close.