

Health App Scenario

The health insurance application has a set of choices for the type of injury that an individual person sustained. Below are the choices and their values:

| Value | Choice |
|-------|-------------|
| 0 | No Injuries |
| 1 | Back |
| 2 | Foot |
| 3 | Ankle |
| 4 | Knee |
| 5 | Hand |
| 6 | Hip or Leg |
| 7 | Wrist |
| 8 | Shoulder |
| 9 | Neck |
| 10 | Arm |
| 11 | Head |
| 12 | Other |

The values are how the system stores the selection of a given choice. So if the user chooses "Ankle", the system stores that as value 3 (which effectively means "choice 3 has been selected"). The application displays this as three rows of five columns:

The screenshot shows a Mozilla Firefox browser window. The address bar contains the Google logo and the text 'Google'. Below the address bar, there are three tabs: 'Most Visited', 'Getting Started', and 'Latest Headlines'. The main content area displays a form with 13 checkboxes arranged in three rows of five columns. The first row contains 'No Injuries', 'Back', 'Foot', 'Ankle', and 'Knee'. The second row contains 'Hand', 'Hip or Leg', 'Wrist', 'Shoulder', and 'Neck'. The third row contains 'Arm', 'Head', and 'Other'. Below the grid of checkboxes is a 'Save' button. The status bar at the bottom of the browser window displays the word 'Done'.

The values are read from the database any time the page is displayed.

Previous Test Run

Tests were applied to this form. After test execution, the following information was written up by the tester:

- (1) When all of the controls are selected, and the form saved, then there is no problem.
- (2) When none of the controls are selected, and the form saved, there is no problem.
- (3) When all entries of the first, third and fifth column are selected, and the form saved, then the choice "Back" is automatically selected when the page is revisited.
- (4) When columns one, three, and five are unselected and then all of the choices in the second and fourth columns are selected, and the form is saved, then only those entries in those two columns (second and fourth) are selected when the page is revisited.
- (5) The database table was checked and only values that are checked get saved to the database.
- (6) When the scenario in (3) above is done and the page now has "Back" automatically selected, if the page is then saved then the database will have the option for "Back" stored.

Is there a bug?

What is the bug the tester has found?

Test Notes

(1) When only "Arm" is selected, the page is saved, and then the page is revisited, the page has "Arm", "No Injuries" and "Back" selected.

(2) When only "Head" is selected, the page is saved, and then the page is revisited, the page has "Head" and "Back" selected.

(3) When only "Other" is selected, the page is saved, and then the page is revisited, the page has "Back", "Other" and "Foot" selected.

(4) The response values for a multi-select action are stored as a comma delimited string in a single field in the database.