| **Test Name** | | Add error to system | | | |
| --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | Use Case 1 – Add Error to System (new patient – physician not notified) | | | |
| **Test Description:** | | User:   * Enters the date the error occurred - mandatory * Enters the time the error occurred - mandatory * Enters the patient’s first name - mandatory * Enters the patient’s surname - mandatory * Enters the patient MRN (hospital ID for patient) - mandatory * Selects the patient type - mandatory * Selects the error type - mandatory * Enters a description/comment - optional * Selects person who made the error - mandatory * Selects if person making error has been notified - mandatory * Selects where error was detected - mandatory * Selects if IIMS was completed - mandatory * Selects the medication - mandatory * Selects severity level of error - mandatory * Selects if physician was notified (No) - mandatory * Selects Submit button | | | |
| **Pre-conditions** | | http://localhost:8080/#/error - Enter an Error page is presented to user | | | |
| **Post-conditions** | | Database is successfully update with data | | | |
| **Notes:** | | **Test 1 – Using test data 1 – No data is to be accepted and form cannot be submitted. Therefore, a fail steps 1 to 16 and step 18 is the expected result.**  **Step 17 should be a pass as the physician fields should be disabled until YES is selected.**  **Form submission should fail** | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | |
|  | **TEST STEP** | | **EXPECTED TEST RESULTS** | P | F |
|  | Date is not entered | | Date is accepted |  | X |
|  | Time is not entered | | Time is accepted |  | X |
|  | Patient’s first name is not entered | | Patient first name is accepted |  | X |
|  | Patient’s surname is not entered | | Patient surname is accepted |  | X |
|  | Patient MRN is not entered | | Patient MRN is not found in database and is accepted |  | X |
|  | Patient type is not selected | | Selection accepted |  | X |
|  | Error type is not selected | | Selection accepted |  | X |
|  | Error description/comment is not entered | | Error description/comment is accepted |  | X |
|  | Person making error is not selected | | Selection accepted |  | X |
|  | Person making error notified not selected | | Selection accepted |  | X |
|  | Where error detected not selected | | Selection accepted |  | X |
|  | IIMS completed not selected | | Selection accepted |  | X |
|  | Medication not entered | | Medication is accepted |  | X |
|  | Medication type not selected | | Selection accepted |  | X |
|  | Severity level is not selected | | Selection accepted |  | X |
|  | Physician notified – No is not selected | | Selection accepted |  | X |
|  | Fields after Physician Notified are disabled | | No further information can be entered | X |  |
|  | User selects Submit button | | Database updated with data as entered above |  | X |

| **Notes:** | | **Test 2 – Using test data 2**  **Data entered as stated and database is updated** | | | |
| --- | --- | --- | --- | --- | --- |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | |
|  | **TEST STEP** | | **EXPECTED TEST RESULTS** | P | F |
|  | Date is entered | | Date is accepted | X |  |
|  | Time is entered | | Time is accepted | X |  |
|  | Patient’s first name is entered | | Patient first name is accepted | X |  |
|  | Patient’s surname is entered | | Patient surname is accepted | X |  |
|  | Patient MRN is entered | | Patient MRN is not found in database and is accepted | X |  |
|  | Patient type is selected | | Selection accepted | X |  |
|  | Error type is selected | | Selection accepted | X |  |
|  | Error description/comment is entered | | Error description/comment is accepted | X |  |
|  | Person making error is selected | | Selection accepted | X |  |
|  | Person making error notified selected | | Selection accepted | X |  |
|  | Where error detected selected | | Selection accepted | X |  |
|  | IIMS completed selected | | Selection accepted | X |  |
|  | Medication entered | | Medication is accepted | X |  |
|  | Medication type selected | | Selection accepted | X |  |
|  | Severity level is selected | | Selection accepted | X |  |
|  | Physician notified – No is selected | | Selection accepted | X |  |
|  | Fields after Physician Notified are disabled | | No further information can be entered | X |  |
|  | User selects Submit button | | Database updated with data as entered above | X |  |
| Screenshot of data entered into database. Not able to show full details across screen. | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** | **6** |
| Date: | Not data in all | 2018-04-12 |  |  |  |  |
| Time: | fields. | 12:15 |  |  |  |  |
| Patient First Name: | Test should | Harry |  |  |  |  |
| Patient Surname | fail on submit | Bryant |  |  |  |  |
| Patient MRN: |  | Id28ha |  |  |  |  |
| Patient Type: |  | Outpatient |  |  |  |  |
| Error Type: |  | Dosage |  |  |  |  |
| Error Description/Comment: |  | Should only be 5 mg |  |  |  |  |
| Person Making Error: |  | Pat Smith |  |  |  |  |
| Person Making Error Notified: |  | Yes |  |  |  |  |
| Where Error was Detected: |  | Dispensary |  |  |  |  |
| IIMS Completed: |  | No |  |  |  |  |
| Medication: |  | 10 mg Acetaminophen |  |  |  |  |
| Severity Level: |  | Moderate |  |  |  |  |
| Physician Notified: |  | No |  |  |  |  |
| Other fields disabled |  | Yes |  |  |  |  |