System Test Plan for the use case “ Record Vaccinations” on the sub system “Vaccinator”

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Number: | Test Case: | Actor: | Test Case Type: | Inputs (If Any): | Expected Results: | Notes: |
| 1 | Be able to enter and check a valid crownpassID | Operational Staff | Functional Requirement | crownpassID : Int | The crownpass ID will be checked if its valid and be able to enter the next data set |  |
| 2 | Be able to select the timeslot of the booking | Operational Staff | Functional Requirement | Option: int | The booking will appear on screen that the crownpassid which has been chosen and you just got to click that option and moves you on to the next data set |  |
| 3 | Be able to select from an option panel which vaccine was injected | Operational Staff | Functional Requirement | Select (Option list) | Option is selected from the list with the vaccine provided from the centre as its more secure |  |
| 4 | Be able to enter the batch number of the vaccine | Operational Staff | Functional Requirement | vaccineBatchNumber: Int | The batch number is entered and bought to the next data set |  |
| 5 | Be able to select which nurse conducted the injection | Operational Staff | Functional Requirement | Select( Option List) | Select the nurse that is on duty at the time of the injection. |  |
| 6 | Automated Staff ID | Operational Staff | Functional Requirement | N/A | The staff entering the information is automatically put on the form with the sessionID |  |
| 7 | Be able to submit the form | Operational Staff | Required Design Feature | Submit Button | The form should be submitted and added to the storage of the crownpass id information |  |
| 8 | The system should change the colour of the vaccinated state | System | Functional Requirement | N/A | When submitted the vaccine state should change to light blue if it is the first and dark blue if it is the second | Two submits on the same crownpass has to be done for this test to pass. |
| 9 | Be able to fill in the form in a mobile app version | Operational Staff | Required Design Feature | Test numbers 1-8 | Be able to complete all the tests in the mobile app version | The inputs are the tests conducted between 1 -6 so all of them tests must succeed on the mobile app for this test to pass |
| 10 | Be able to fill in the form in the desktop version | Operational Staff | Required Design Feature | Test numbers 1-8 | Be able to complete all the tests provided on the desktop web-based version | The inputs are the tests conducted between 1 -6 so all of them tests must succeed on the web-based desktop version for this test to pass |
| 11 | For the vaccine submission form the response time should be no less than 3 seconds | System | Performance | N/A | Set a timer and conduct the submission and it should be no more than 3 seconds |  |
| 12 | Be able to enter the vaccine results at any time 24 hours a day, 7 days a week | Operational Staff | Reliability | Form | Test it at off peak times and collect data and monitor the servers | For this test to succeed, submit the forms at off peak times and the test will be passed |
| 13 | Mobile app failure rate for submitting the vaccine | System | Reliability | N/A | When using the mobile app for the vaccine submission the mobile app shouldn’t fail. The failure rate per platform should be less than 0.3% |  |
| 14 | Submitting the vaccine data failure rate | System | Reliability | Form | The failure rate when submitting to the system should be lower than 0.0001% |  |
| 15 | Automated state change failure rate | System | Reliability | N/A | The failure rate when submitting the form and the state is change should be less than 0.0001% |  |
| 16 | The user should be able to see their vaccine data | Holder/ User | Security and Privacy Protection | N/A | The crownpassID used when entering the vaccine data should be able to see their results and state but not modify it |  |
| 17 | For entering the vaccine results on the mobile app, the platform being used can be the top 5 operating systems and the top 10 makes and models | Operational Staff | Platform Compatibility | N/A | Try the top 5 operating systems and the top 10 makes and models and it works when submitting the vaccine data |  |
| 18 | For entering the vaccine results on the desktop web based version, it should work on Windows, Mac and Linux operating system and works on Chrome, Firefox and Safari web browsers | Operational Staff | Platform Compatibility | N/A | Test it on all the operating systems and on all the browsers listed in the test case and it should all work. |  |
| 19 | The mobile app GUI for entering the vaccine results should be easy to use and accessible | N/A | Usability | N/A | Let users try out the GUI on a beta test trial and make sure its easy to use |  |
| 20 | The mobile app GUI for entering the vaccine results should comply with accessibility standards | N/A | Usability | N/A | Make sure that the system for adding the vaccine results comply with accessibility standards |  |
| 21 | The mobile app GUI for entering the vaccine results should adapt the screen size automatically | Operational Staff | Usability | N/A | Try it out on different size devices like tablets and phones with different screen sizes |  |
| 22 | The mobile app GUI for entering the vaccine results should be identical on different platforms | Operation Staff | Usability | N/A | Try it out on Android, Google Pixel, Apple and any other platform to make sure its identical |  |