Data Samples and Test Cases
Submission 3

Team: Runtime Terror

Contents

1. Existing Sample Account Credentials

Below are a list of accounts and their usernames and passwords that already exist in the system. Login with these credentials to test the functionality of use cases.

Account Type	Username	Password
Admin	admin	Password@123
Vaccine Recipient (VR)	laurel1906	Lue1357$
	randolph7688	Rpon@2468
	josh1308	Jho&1231
Health Care Provider (HCP)	rmh1134	Dept1134@#
	capstone4423	Medical$3244

2. Test Cases

This section describes the general test cases that will be related to one or more use cases.

Note: It is recommended that you open the "Concurrency Usage Instructions" document in the GitHub repository alongside this document as you would need both to test concurrency in the system.

2.1   TC01: *Book Timeslot Concurrency*

Test Type:	Execution Type:
General	Manual

Objective:
The expected result is only one of the multiple users should be able to book a given timeslot. The rest of the users should be redirected to the search timeslot page with an error message describing that another user has already booked the timeslot.

Use Cases:
List of use cases satisfied: • *Use Case 13*: Book a Timeslot

Existing Data:
There are multiple timeslots added into the system from the future for both the health care providers which are unbooked and can hence be searched and booked by a vaccine recipient. Firstly, the user can choose any type of vaccine from the list (**Pfizer**, **Astrazeneca, Covishield** and **Moderna**) as there are timeslots in the system for each of them. Next, the vaccine recipient must choose to search by area (postcode) or Health Care Provider name. To search for timeslots published by **rmh1134**: • If you search by **Area**, enter **3050** in the input field called "Health Care Provider name / Area postcode" • If you search by **Health Care Provider name**, enter '**Royal Melbourne Hospital**' (case sensitive) in the input field called "Health Care Provider name / Area postcode" To search for timeslots published by **capstone4423**: • If you search by **Area**, enter **3006** in the input field called "Health Care Provider name / Area postcode" • If you search by **Health Care Provider name**, enter '**Capstone Medical Centre**' (case sensitive) in the input field called "Health Care Provider name / Area postcode"

Execution:
First, login with the vaccine recipient credentials specified in section 1. Use the detailed instructions provided for TC01 in the "Concurrency Usage Instructions" document to achieve the objective of this test case.

2.2   TC02: *Edit Timeslots Concurrency*

Test Type:	Execution Type:
General	Manual

Objective:
Only one user can successfully open the edit timeslot pop-up for a given timeslot at a time. For the entire duration of a user editing a given timeslot, all the other users are sent to an error page indicating that another user is currently editing the timeslot and they would have to try again later.

Use Cases:
List of use cases satisfied: • *Use Case 19*: Edit Timeslots

Existing Data:
There are multiple timeslots added into the system from the future for both the health care providers which are unbooked and can hence be edited by any of the healthcare providers mentioned above.   Moreover, the same timeslots from the future are shown in both the **rmh1134** and **capstone4423** accounts since both the accounts have the same organisational id. Timeslots are available for all vaccine types (**Pfizer**, **Astrazeneca, Covishield** and **Moderna**)   Timeslots are available for editing from **22nd October 2021** to **10th December 2021**.

Execution:
First, login with the <u>health care provider credentials</u> specified in section 1. Use the detailed instructions provided for TC02 in the "Concurrency Usage Instructions" document to achieve the objective of this test case.

2.3   TC03: *Record Completed Vaccinations Concurrency*

Test Type:	Execution Type:
General	Manual

Objective:

Only one user can successfully record a timeslot as completed, the other users trying to record the same timeslot as complete are shown an error message.

Use Cases:

List of use cases satisfied:
- *Use Case 16*: Record a Completed Vaccination

Existing Data:

Each vaccine recipient has booked three timeslots for each health care provider for the vaccine type they have not received. The health care providers have not yet marked them as completed. Moreover, the same timeslots from the future are shown in both the **rmh1134** and **capstone4423** accounts since both the accounts have the same organisational id.

- **laurel1906** (who has already recieved **Pfizer**) has two booked vaccine appointments for **Astrazeneca**, **Moderna** and **Covishield**
- **randolph7688** (who has already recieved **Astrazeneca**) has two booked vaccine appointments for **Pfizer**, **Moderna** and **Covishield**
- **josh1308** (who has already recieved **Moderna**) has two booked vaccine appointments for **Pfizer**, **Astrazeneca** and **Covishield**

If you do not want to add timeslots and book them, you can just use the sample data above that already exists in the system.

Execution:

First, login with the health care provider credentials specified in section 1. Use the detailed instructions provided for TC03 in the "Usage Instructions" document to achieve the objective of this test case.

2.4   TC04: *Create Accounts Concurrency*

Test Type:	Execution Type:
General	Manual

Objective:
All users must create accounts with unique usernames. Users who attempt to create an account with a duplicate username will receive an error message and prompted to try again with a different username.

Use Cases:
List of use cases satisfied: • *Use Case 2:* Create Health Care Provider Account • *Use Case 3:* Create Vaccine Recipient Account

Existing Data:
No existing data is required to test the concurrency aspect of this use case.

Execution:
First, login with the <u>admin credentials</u> (*Create Vaccine Recipient Account* can be accessed from the login page if required) specified in section 1. Use the detailed instructions provided for TC04 in the "Usage Instructions" document to achieve the objective of this test case.