Transmission Strength Monitoring System Test Plan

**Test 1: Add admin user**

**Preconditions:**

* No appointments in database
* No people in database
* Viewing listPersons.jsp

**Test actions:**

* Click create person
* Input first name “john”
* Input second name “smith”
* Select role “patient”
* Input address “3 java road”
* Click create new person

**Expected outcomes:**

* A person will be created in the database and you will be able to see them on listPersons.jsp
* The person has an auto generated id

**Test 2: Add basic user**

**Preconditions:**

* No appointments in database
* 1 person in the database (John Smith)
* Viewing listPersons.jsp

**Test actions:**

* Click create person
* Input first name “ria”
* Input second name “cook”
* Select role “Careworker”
* Input address “6 clover lane”
* Click create new person

**Expected outcomes:**

* A person will be created in the database and you will be able to see them on listPersons.jsp
* The person has an auto generated id

**Test 3: Modify Person**

**Preconditions:**

* No appointments in database
* 2 people in the database (John Smith & Ria Cook)
* Viewing listPersons.jsp

**Test actions:**

* Find John Smith
* Click modify person
* Change first name to “jack”
* Click modify person

**Expected outcomes:**

* The person will be modified, and you will be able to be seen it on listPersons.jsp
* The persons auto generated id will stay the same

**Test 4: Add Appointment**

**Preconditions:**

* No appointments in database
* 2 people in the database (John Smith & Ria Cook)
* Viewing listAppointment.jsp

**Test actions:**

* Click create appointment
* Leave the autogenerated date
* Input description “home visit”
* Input duration “30”
* Input location “3 java road”
* Input first name “jack”
* Input second name “smith”
* Input staff member first name “ria”
* Input staff member second name “cook”
* Click create new appointment

**Expected outcomes:**

* The appointment will be created, and you will be able to be see it on listAppointment.jsp
* The appointment has an auto generated id

**Test 5: Modify Appointment**

**Preconditions:**

* 1 appointment (Home Visit)
* 2 people in the database (John Smith & Ria Cook)
* Viewing listAppointment.jsp

**Test actions:**

* Find Home Visit appointment
* Click modify appointment
* Change the duration to “60”
* Change the description to “home visit for jack”
* Click modify appointment

**Expected outcomes:**

* The appointment will be modified, and you will be able to be see it on listAppointment.jsp
* The appointments auto generated id will stay the same

**Test 6: Delete Appointment**

**Preconditions:**

* 1 appointment (Home Visit)
* 2 people in the database (John Smith & Ria Cook)
* Viewing listAppointment.jsp

**Test actions:**

* Find “home visit for jack” appointment
* Click delete appointment

**Expected outcomes:**

* The appointment will be deleted, and you will no longer be able to be see it on listAppointment.jsp

**Test 7: Delete Person**

**Preconditions:**

* No appointments in database
* 2 people in the database (John Smith & Ria Cook)
* Viewing listPersons.jsp

**Test actions:**

* Find “jack smith”
* Click delete person

**Expected outcomes:**

* The person will be deleted, and you will no longer be able to see them on listPersons.jsp

**Test 8: Care Worker Arriving**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing mobileClient.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp

**Test actions:**

* On mobileClient.jsp
* Input first name “ria”
* Input second name “cook”
* Input location “southampton”
* Click arriving

**Expected outcomes:**

* Ria Cook will be added to staffStatus.jsp and will be in the staff list
* Ria Cooks current site will be changed to Southampton, her OK time will be set to the current date and time, and her isActive value will be set to true on listPersons.jsp

**Test 9: Care Worker Late OK**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing mobileClient.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp
* Wait 2 minutes for Ria Cook to be in the late OK list

**Test actions:**

* On mobileClient.jsp
* Input first name “ria”
* Input second name “cook”
* Click I’m ok

**Expected outcomes:**

* Ria Cook will be moved to the staff list on staffStatus.jsp
* Ria Cooks OK time will be changed to the current date and time on listPersons.jsp

**Test 10: Care Worker Leaving**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing mobileClient.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp

**Test actions:**

* On mobileClient.jsp
* Input first name “ria”
* Input second name “cook”
* Click leaving

**Expected outcomes:**

* Ria Cook will be removed from staffStatus.jsp
* Ria Cooks current location will be set to null and isActive value will be set to false on listPersons.jsp

**Test 11: Call Centre Arriving**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing manualCallIn.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp

**Test actions:**

* On manualCallIn.jsp
* Input first name “ria”
* Input second name “cook”
* Input location “southampton”
* Click arriving

**Expected outcomes:**

* Ria Cook will be added to staffStatus.jsp and will be in the staff list
* Ria Cooks current site will be changed to Southampton, her OK time will be set to the current date and time, and her isActive value will be set to true on listPersons.jsp

**Test 12: Call Centre Late OK**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing manualCallIn.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp
* Wait 2 minutes for Ria Cook to be in the late OK list

**Test actions:**

* On manualCallIn.jsp
* Input first name “ria”
* Input second name “cook”
* Click I’m ok

**Expected outcomes:**

* Ria Cook will be moved to the staff list on staffStatus.jsp
* Ria Cooks OK time will be changed to the current date and time on listPersons.jsp

**Test 13: Care Worker Emergency**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing mobileClient.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp

**Test actions:**

* On mobileClient.jsp
* Input first name “ria”
* Input second name “cook”
* Click emergency

**Expected outcomes:**

* Ria Cook will be moved to the emergency list on staffStatus.jsp
* Ria Cooks emergency status will be set to true on listPersons.jsp

**Test 14: Call Centre Emergency Over**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing manualCallIn.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp
* Ria cook must be in emergency state

**Test actions:**

* On manualCallIn.jsp
* Input first name “ria”
* Input second name “cook”
* Click emergency over

**Expected outcomes:**

* Ria Cook will be moved to the late ok list on staffStatus.jsp
* Ria Cooks emergency status will be set to false on listPersons.jsp

**Test 15: Call Centre Leaving**

**Preconditions:**

* No appointments in database
* 1 person in the database (Ria Cook)
* Viewing manualCallIn.jsp
* Viewing staffStatus.jsp
* Viewing listPersons.jsp

**Test actions:**

* On manualCallIn.jsp
* Input first name “ria”
* Input second name “cook”
* Click leaving

**Expected outcomes:**

* Ria Cook will be removed from staffStatus.jsp
* Ria Cooks current location will be set to null and isActive value will be set to false on listPersons.jsp