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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test | Test Name | Test Data | Preconditions | Test Actions | Expected Outcome | Actual Outcome | Pass/Fail |
| 1.1 | Add A New Person | new personDTO(null, "Test\_FirstName", "Test\_LastName", 01/01/2020, "Female", "Test@test.com", 0000 , 2, 1, "Test\_Username1", "Test\_Password") | No other user in the database has the same username. | Login to your account,  Click on add person,  Insert details, select role,  Click add. | Messaged display “person has been successfully added”. A new record will be added to the database |  |  |
| 1.2 | Modify A Person | new personDTO(null, "Test\_FirstName", "Test\_LastName", 01/01/2020, "Female", "Test@test.com", 0000 , 2, 1 , "Test\_Username2", "Test\_Password");  new personDTO(1, "Test\_FirstName", "Test\_LastName", 02/02/2020, "Female", "Test1@test1.com", 1111 , 1, 2 , "Test\_Username2", "Test\_Password"); | A person has to be stored in the database; id must not be null. | Login to your account,  Click on people  Insert details of search, select person, click modify, insert new details  Click Modify. | Messaged display “person has been successfully modified”. The record within the database will be updated. |  |  |
| 1.3 | Add A New Appointment | new AppointmentDto(null, "GP appointment", 2 , 10, "2020-05-01 09:00:00", 4, 5, 6 ); | ID must be null. No other appointments scheduled for the same time with the same person. | Login to your account,  Click on appointments,  Insert details  Click add appointment | Messaged display “appointment has been successfully added”. A new appointment will be added to the database |  |  |
| 1.4 | Add a new Location | new locationDTO(null, "1 London Road", "Southampton" , "SO16 7GP", "Home", "1"); | ID must be null. | Login to your account, click on Locations, click on add Location insert details click add | Messaged display “Location has been successfully added”.  A new location will be added to the database |  |  |
| 15 | Add A New Disease | new Disease(null, "test"); | ID must be null | Login to your account, | A new disease is added to the database. |  |  |
| 1.6 | Add A New Prescription | new prescriptionDTO(null, 6, date\_create("2020-04-10"), 14, 11, 0); | ID must be null | Login to your account, | A new prescription is added to the database. |  |  |
| 1.7 | Add A New Symptom | new Symptom(null, "test"); | ID must be null | Login to your account, | A new symptom is added to the database. |  |  |
| 1.8 | Add A New Disease\_SymptomLink | |  | | --- | |  | |  | |  |   new diseaseSymptomLinkDTO(1, 2); | No other Disease\_SymptomLink within the database with the same primary key | Login to your account, | A new link is added to the database. |  |  |
| 1.9 | Add A New Drug\_PrescriptionLink | new Drug\_Prescription\_LinkDTO(1, 2); | No other Drug\_Prescription\_Link with the same primary key in the database. | Login to your account, | A new link is added to the database. |  |  |
| 1.10 | Add A New Drug | new drugDTO(null, "testInput"); | ID must be null | Login to your account, | A new drug is added to the database. |  |  |
| 1.11 | Modify an Appointment | new AppointmentDto(22, "NURSE appointment", 5, 14, "2020-05-02 09:00:00", 14, 10, 1 );  updated appointment( | Id must not be null, there has to be an existent appointment in the database | Login to your account,  Click on Appointment  Insert details of search, select Appointment, click modify, insert new details  Click Modify. | Messaged display “Appointment has been successfully modified” |  |  |
| 1.12 | Modify A Disease | $DAO->updateDisease($updateDisease); | The disease you want to modify must be a record within the database. | Login to your account, | Record within the database is updated and a message is displayed to the user to say the record has been updated. |  |  |
| 1.13 | Modify A Prescription | $DAO->modfiyPrescription($prescription); | The prescription you want to modify must be a record within the database. | Login to your account, | Record within the database is updated and a message is displayed to the user to say the record has been updated. |  |  |
| 1.14 | Modify A Symptom | $DAO->updateSymptom($updatedSymptom); | The symptom you want to modify must be a record within the database. | Login to your account, | Record within the database is updated and a message is displayed to the user to say the record has been updated. |  |  |
| 1.15 | Modify A Disease\_SymptomLink | $DAO->modifyDiseaseSymptomLinkDTO($oldDS\_Link, $updatedDS\_Link) | The link you want to modify must be a record within the database. | Login to your account, | Record within the database is updated and a message is displayed to the user to say the record has been updated. |  |  |
| 1.16 | Modify Drug\_PrescriptionLink | new DrugPrescriptionLinkDto(1,2) | The link you want to modify must be a record within the database. | Login to your account, | Record within the database is updated and a message is displayed to the user to say the record has been updated. |  |  |
| 1.17 | View A Person | new personDTO(null, "Test\_FirstName", "Test\_LastName", 01/01/2020, "Female", "Test@test.com", 0000 , 2, 1, "Test\_Username1", "Test\_Password") | Id must not be null subsequently there must be a person stored in the database | Login to your account,  Click on people  Insert details of search, list displayed select an appointment click view | Display details of person returned from query. |  |  |
| 1.18 | View A Drug | drugDTO(null, "testInput"); | The drug you want to view must be a record within the database. | Login to your account, | Display details of drug returned from query. |  |  |
| 1.19 | View an Appointment | AppointmentDto(1, "GP appointment", 2 , 10, "2020-05-01 09:00:00", 4, 5, 6 ); | Id must not be null subsequently there must be an appointment stored in the database | Login to your account,  Click on appointment  Insert details of search, list displayed select an appointment click view | Displayed appointment details |  |  |
| 1.20 | View A Disease | Disease(null, "torn acl"); | The disease you want to view must be a record within the database. | Login to your account, | Display details of disease returned from query. |  |  |
| 1.21 | View A Prescription | prescriptionDTO(4, 6, date\_create("2020-04-10"), 14, 11, 1); | The prescription you want to view must be a record within the database. | Login to your account, | Display details of prescription returned from query. |  |  |
| 1.22 | View A Symptom | Symptom(null, "redness"); | The symptom you want to view must be a record within the database. | Login to your account, | Display details of symptom returned from query. |  |  |
| 1.23 | Search for A Person | (1, "Test\_FirstName", "Test\_LastName", 01/01/2020, "Female", "Test@test.com", 0000 , 2, 1, "Test\_Username1", "Test\_Password") | Id must not be null subsequently there must be a person stored in the database | Login to your account,  Click on people  Insert details of search, select a person, click view | View details of the person that the search has been conducted |  |  |
| 1.24 | Search for An Appointment | AppointmentDto(1, "GP appointment", 2 , 10, "2020-05-01 09:00:00", 4, 5, 6 ); | Id must not be null subsequently there must be an appointment stored in the database | Login to your account,  Click on appointment  Insert details of search, list displayed | View existent appointment list |  |  |
| 1.25 | Search for A Disease | $DAO->findDisease($disease); | The disease you want to search for must be a record within the database. | Login to your account, | Display details of disease returned from query. |  |  |
| 1.26 | Search for A Symptom | $DAO->findSymptom($symptom); | The symptom you want to search for must be a record within the database. | Login to your account, | Display details of symptom returned from query. |  |  |
| 1.27 | Create A Person Record |  | Id must be null and all other parameters not null. | Login to your account, |  |  |  |
| 1.28 | SMART Diagnosis |  |  | Login to your account, |  |  |  |
| 1.29 | Update Patient Record |  | The patient record you want to update must currently have a record within the database. | Login to your account, |  |  |  |
| 1.30 | See Patient Record |  | The patient record you want to view must be a record within the database. | Login to your account, |  |  |  |
| 1.31 | Update Personal Record (As Patient) |  | The patient record you want to update must currently have a record within the database. | Login to your account, |  |  |  |
| 1.32 | Self-Diagnosis |  |  | Login to your account, |  |  |  |