|  |  |  |
| --- | --- | --- |
| View Person | | |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the search page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | The system responds with the search page. |
| 9 | User enters possible search details of person (name, address, date of birth, role) |  |
| 10 |  | System checks validity of details, e.g. date of birth is sensible, input exists |
| 11 |  | System checks user permissions are valid. (Is the user allowed to search for that role of people). |
| 12 |  | System searches database for persons with matching details inputted by the user |
| 13 |  | The system displays search results (person first name, last name, dob) |
| 14 | User selects a person record |  |
| 15 |  | The system displays the selected person with all their details. |

|  |  |  |
| --- | --- | --- |
|  | Modify Person |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the search page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | The system responds with the search page. |
| 9 | User enters possible search details of person (name, address, date of birth, role) |  |
| 10 |  | System checks validity of details, e.g. date of birth is sensible, input exists |
| 11 |  | System checks user permissions are valid. (Is the user allowed to search for that role of people). |
| 12 |  | System searches database for persons with matching details inputted by the user |
| 13 |  | The system displays search results (person first name, last name, dob) |
| 14 | User selects modify button next to person they want to modify |  |
| 15 |  | System checks user permissions are valid. (Is the user allowed to modify details for that role of people). |
| 16 |  | System displays modification boxes available |
| 17 | User Modifies selected person details |  |
| 18 |  | System checks validity of details, e.g. date of birth is sensible, input exists |
| 19 |  | System updates database with the persons new details |
| 20 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Add Person |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the add person page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the add person page). |
| 8 |  | The system responds with the add page. |
| 9 | User enters new person details such as (name, address, date of birth, role) |  |
| 10 |  | System checks validity of details, e.g. date of birth is sensible, input exists |
| 11 |  | System checks user permissions are valid. (Is the user allowed to add a person with that role). |
| 12 |  | System inputs details of new person into the database and saves it. |
| 13 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Add Appointment |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the appointments page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the appointment page). |
| 8 |  | System searches database for appointments matching the logged in user |
| 9 |  | The system responds with the appointment page. |
| 10 |  | The system displays search results (Doctor, patient, time, description) |
| 11 | User selects add appointment |  |
| 12 |  | The system searches the database for available appointments |
| 13 |  | The system displays search results |
| 14 | User selects an available appointment from the search results |  |
| 15 | User inputs details (patient details, description) |  |
| 16 |  | System checks the validity of the input details (patient) |
| 17 |  | System checks user permissions are valid. (Is the user allowed to add an appointment). |
| 18 |  | System inputs details of the new appointment into the database and saves it. |
| 19 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Modify Appointment |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the appointments page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the appointment page). |
| 8 |  | System searches database for appointments matching the logged in user |
| 9 |  | The system responds with the appointment page. |
| 10 |  | The system displays search results (Doctor, patient, time, description) |
| 11 | User enters search details of appointment (doctor, patient) |  |
| 12 |  | System checks validity of details, e.g. doctor is sensible, input exists |
| 13 |  | System searches database for appointments with matching details inputted by the user |
| 14 |  | The system displays search results (Doctor, patient, time, description) |
| 15 | User selects an appointment record |  |
| 16 |  | The system displays the selected appointment with all its details. |
| 17 | User selects modify appointment |  |
| 18 |  | The system displays editable version of the selected appointment |
| 19 | User inputs new details |  |
| 20 |  | System checks the validity of the input details |
| 21 |  | System checks user permissions are valid. (Is the user allowed to modify an appointment). |
| 22 |  | System modifies details of the modified appointment into the database and saves it. |
| 23 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Delete Appointment |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the appointments page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the appointment page). |
| 8 |  | System searches database for appointments matching the logged in user |
| 9 |  | The system responds with the appointment page. |
| 10 |  | The system displays search results (Doctor, patient, time, description) |
| 11 | User enters possible search details of appointment (doctor, patient) |  |
| 12 |  | System checks validity of details, e.g. doctor is sensible, input exists |
| 13 |  | System searches database for appointments with matching details inputted by the user |
| 14 |  | The system displays search results (Doctor, patient, time, description) |
| 15 | User selects an appointment record |  |
| 16 |  | The system displays the selected appointment with all its details. |
| 17 | User selects delete appointment |  |
| 18 |  | System checks user permissions are valid. (Is the user allowed to delete appointments). |
| 19 |  | The system deletes the appointment to the database. |

|  |  |  |
| --- | --- | --- |
|  | View Appointment |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the appointments page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the appointment page). |
| 8 |  | System searches database for appointments matching the logged in user |
| 9 |  | The system responds with the appointment page. |
| 10 |  | The system displays search results (Doctor, patient, time, description) |
| 11 | User enters possible search details of appointment (doctor, patient) |  |
| 12 |  | System checks validity of details, e.g. doctor is sensible, input exists |
| 13 |  | System searches database for appointments with matching details inputted by the user |
| 14 |  | The system displays search results (Doctor, patient, time, description) |
| 15 | User selects an appointment record |  |
| 16 |  | The system displays the selected appointment with all its details. |

|  |  |  |
| --- | --- | --- |
|  | add Location |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the locations page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the locations page). |
| 8 |  | The system responds with the location page. |
| 9 | User selects to add new location |  |
| 10 |  | The system responds with the add location page. |
| 11 | User enters new location details and submit |  |
| 12 |  | System checks validity of new location details |
| 13 |  | The system displays message to confirm if new location has been added or errors. |
| 14 |  | If details correct, system adds location to database and displays the location page |
| 15 |  | If details incorrect, no data added to database user returned to add location page |

|  |  |  |
| --- | --- | --- |
|  | modify Location |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the locations page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the locations page). |
| 8 |  | The system responds with the location page. |
| 9 | User enters possible search details of location (town, postcode) |  |
| 10 |  | System checks validity of details, e.g. postcode is sensible, input exists |
| 11 |  | System searches database for locations with matching details inputted by the user |
| 12 |  | The system displays search results (location name, link to location on maps) |
| 13 | User selects a location record |  |
| 14 |  | The system displays the selected location with all its details with modifiable fields |
| 15 | User changes required details of location and presses confirm changes |  |
| 16 |  | System checks validity of details to be modified |
| 17 |  | The system displays message to confirm if new location has been added or errors. |
| 18 |  | If details correct, system modifies location details and updates database and displays the location page |
| 19 |  | If details incorrect, no data added to database user returned to add location page |

|  |  |  |
| --- | --- | --- |
|  | Delete Location |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the locations page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the locations page). |
| 8 |  | The system responds with the location page. |
| 9 | User enters possible search details of location (town, postcode) |  |
| 10 |  | System checks validity of details, e.g. postcode is sensible, input exists |
| 11 |  | System searches database for locations with matching details inputted by the user |
| 12 |  | The system displays search results (location name, link to location on maps) |
| 13 | User selects a location record to delete |  |
| 14 |  | The system displays a confirmation message/page to confirm you want to delete location |
| 15 | User clicks to confirm delete of location |  |
| 16 |  | The system updates the location to inactive |
| 17 |  | The system returns to location screen |

|  |  |  |
| --- | --- | --- |
|  | View Location |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the locations page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the locations page). |
| 8 |  | The system responds with the location page. |
| 9 | User enters possible search details of location (town, postcode) |  |
| 10 |  | System checks validity of details, e.g. postcode is sensible, input exists |
| 11 |  | System searches database for locations with matching details inputted by the user |
| 12 |  | The system displays search results (location name, link to location on maps) |
| 13 | User selects a location record |  |
|  |  | The system displays the selected location with all its details |

|  |  |  |
| --- | --- | --- |
|  | Add Report Request |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page |
| 6 | User clicks report page |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | System returns users current report requests. |
| 9 |  | The system responds with the report page. |
| 10 | User selects the report and inputs the report variable. (Gender, Dates, Age Ranges) |  |
| 11 |  | System verifies the user has input the required information. |
| 12 |  | System validates the dates entered. |
| 13 |  | System saves report request to the database. |
| 14 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Delete Report Request |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page |
| 6 | User clicks report page |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | System returns users current report requests. |
| 9 |  | The system responds with the report page. |
| 10 | User clicks delete next to report. |  |
| 11 |  | The system deletes the report request from the database. |
| 12 |  | System returns the user to the report page. |

|  |  |  |
| --- | --- | --- |
|  | View Report Request |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User clicks report page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | System returns users current report requests. |
| 9 |  | The system responds with the report page. |
| 10 | User selects an individual report. |  |
| 11 |  | The system searches the database for report details. |
| 12 |  | The system responds with the report details page. |

|  |  |  |
| --- | --- | --- |
|  | Approve Report Request |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page |
| 6 | User clicks report page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | System returns all report requests. |
| 9 |  | The system responds with the report page. |
| 10 | User selects an individual report. |  |
| 11 |  | The system searches the database for report details. |
| 12 |  | System responds with the report details page. |
| 13 | User clicks approve report request. |  |
| 14 |  | System updates the report to approved. |
| 15 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Approve Report Request |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page |
| 6 | User clicks report page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the search page). |
| 8 |  | System returns all report requests. |
| 9 |  | The system responds with the report page. |
| 10 | User selects an individual report. |  |
| 11 |  | The system searches the database for report details. |
| 12 |  | System responds with the report details page. |
| 13 | User clicks decline report request. |  |
| 14 |  | System updates the report to declined. |
| 15 |  | System responds with a confirmation page. |

|  |  |  |
| --- | --- | --- |
|  | Self-Diagnosis | Patient |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the self-diagnosis page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the self-diagnosis page). |
| 8 |  | The system responds with the self-diagnosis page. |
| 9 | User enters symptoms into page |  |
| 10 |  | System checks validity of details, e.g. symptoms are inputted correctly and only contain letters |
| 11 |  | System searches database for diseases with matching symptoms |
| 12 |  | Systems displays matching diseases |
| 13 | User selects Disease |  |
| 14 |  | System searches database for details on selected disease. |
| 15 |  | System displays disease information |

|  |  |  |
| --- | --- | --- |
|  | Add Diagnosis |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | Person selects diagnose button |  |
| 3 |  | System checks user permissions are valid. (Is the user allowed to access the diagnose patient page). |
| 4 | User enters symptoms into page |  |
| 5 |  | System checks validity of details, e.g. symptoms are inputted correctly and only contain letters |
| 6 |  | System searches database for diseases with matching symptoms |
| 7 |  | Systems displays matching diseases |
| 8 | User selects Disease |  |
| 9 |  | System searches database for details on selected disease. |
| 10 |  | System displays disease information |
| 11 | Use selects add disease |  |
| 12 |  | System saves disease to patient record on the database |

|  |  |  |
| --- | --- | --- |
|  | Delete Diagnosis |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User selects disease button |  |
| 3 |  | System checks user permissions are valid. (Is the user allowed to access the patient diseases page). |
| 4 |  | System searches the database for the diseases linked to the selected person. |
| 5 |  | The system displays search results (disease name, delete button, add treatment button, add prescription button.) |
| 6 | User presses delete button next to disease they want to remove from record. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to delete a diagnosis from a patient record). |
| 8 |  | System deletes diagnosis from selected patient record on the database. |
| 9 |  | System displays updated diseases page. |

|  |  |  |
| --- | --- | --- |
|  | View Diagnosis |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User selects disease button |  |
| 3 |  | System checks user permissions are valid. (Is the user allowed to access the patient diseases page). |
| 4 |  | System searches the database for the diseases linked to the selected person. |
| 5 |  | The system displays search results (disease name, delete button, add treatment button, add prescription button.) |
| 6 | User selects disease |  |
| 7 |  | System searches database for information on selected disease linked to selected person |
| 8 |  | System displays disease information |

|  |  |  |
| --- | --- | --- |
|  | Add Treatment |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User selects disease button |  |
| 3 |  | System checks user permissions are valid. (Is the user allowed to access the patient diseases page). |
| 4 |  | System searches the database for the diseases linked to the selected person. |
| 5 |  | The system displays search results (disease name, delete button, add treatment button, add prescription button.) |
| 6 | User selects add treatment next to diagnosis they would like to add it to. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to add treatment to a diagnosis). |
| 8 |  | System searches the database for the treatments linked to the selected diagnosis. |
| 9 |  | The system displays matching treatments to the selected disease |
| 10 | User selects treatment |  |
| 11 |  | System adds treatment to patient record on the database |

|  |  |  |
| --- | --- | --- |
|  | Modify Treatment |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User must go through the stages of ‘View Disease’ |  |
| 3 | Select button to modify treatment |  |
| 4 |  | System checks user permissions are valid. (Is the user allowed to modify treatment of a diagnosis). |
| 5 |  | System searches the database for the treatments linked to the selected diagnosis. |
| 6 |  | The system displays matching treatments to the selected disease |
| 7 | User selects treatment |  |
| 8 |  | System adds treatment to patient record on the database |

|  |  |  |
| --- | --- | --- |
|  | Delete Treatment |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User must go through the stages of ‘View Disease’ |  |
| 3 | Select button to delete specific treatment |  |
| 4 |  | System checks user permissions are valid. (Is the user allowed to delete treatment of a diagnosis). |
| 5 |  | System deletes treatment from patient record on the database |
| 6 |  | System displays disease page. |

|  |  |  |
| --- | --- | --- |
|  | View Treatment |  |
| Step | Actor Action | System Response |
| 1 | User must first go through the stages of ‘View Person’ |  |
| 2 | User must go through the stages of ‘View Disease’ |  |
| 3 | Use selects treatment |  |
| 4 |  | System checks user permissions are valid. (Is the user allowed to view treatment of a diagnosis). |
| 5 |  | System searches the database for the treatment selected. |
| 6 |  | System displays information on treatment. |

|  |  |  |
| --- | --- | --- |
|  | View Prescription |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the prescription page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the prescription page). |
| 8 |  | The system responds with the prescription page. |
| 9 | User enters possible search details of person (name, postcode) |  |
| 10 |  | System checks validity of details |
| 11 |  | System searches database for person with matching details inputted by the user |
| 12 |  | The system displays search results (person name) |
| 13 | User selects a person record |  |
| 14 |  | The system displays all prescriptions associated with patients and the diagnosis associated with prescription |

|  |  |  |
| --- | --- | --- |
|  | Add Prescription |  |
| Step | Actor Action | System Response |
| 1 | User must have selected patient and been given diagnosis before allowed to add prescription |  |
| 2 | User selects prescription page. |  |
| 3 |  | System checks diagnosis information provided. |
| 4 |  | The system responds with the prescription page with potential prescriptions. |
| 5 | User selects to which prescription to prescribe and to order prescription |  |
| 6 |  | The system checks inputs validity and displays message to confirm prescription (showing patient, diagnosis and prescription) |
| 7 | User confirms prescription |  |
| 8 |  | System adds prescription to database |

|  |  |  |
| --- | --- | --- |
|  | View Location |  |
| Step | Actor Action | System Response |
| 1 | User clicks login |  |
| 2 |  | The system prompts users for their username and password. |
| 3 | The user enters the details specified in step 2. |  |
| 4 |  | The system verifies the user’s username and password. |
| 5 |  | The system responds with the home page. |
| 6 | User selects the prescription page. |  |
| 7 |  | System checks user permissions are valid. (Is the user allowed to access the prescription page). |
| 8 |  | The system responds with the prescription page. |
| 9 | User enters possible search details of person (name, postcode) |  |
| 10 |  | System checks validity of details, e.g. postcode is sensible, input exists |
| 11 |  | System searches database for person with matching details inputted by the user |
| 12 |  | The system displays search results (location name, prescription) |
| 13 | User selects a person/prescription record to delete |  |
| 14 |  | The system displays a confirmation message/page to confirm you want to delete location |
| 15 | User clicks to confirm delete of prescription |  |
| 16 |  | The system updates the prescription to inactive |
| 17 |  | The system returns to prescription screen |