Enhanced API Test Cases for Appointment Management

# Get All Applicable Doctors

\*\*Description:\*\* Retrieve a list of doctors available for appointments.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Visit/AppointmentApplicableDoctors

\*\*Expected Output:\*\* Array of doctors' details.

\*\*Test:\*\*

* Verify the status code is 200.
* Validate response body is an array.
* Check that each doctor object contains DoctorName and Speciality properties.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Search Patients

\*\*Description:\*\* Search for patients by name or hospital number.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Patient/SearchPatientForNewVisit

\*\*Expected Output:\*\* Array of matching patient details.

\*\*Test:\*\*

* Confirm the status code is 200.
* Validate response body is an array.
* Check that each patient object contains PatientId, FirstName, and LastName properties.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Create Appointment

\*\*Description:\*\* Submit details to schedule a new appointment.

\*\*Endpoint:\*\* POST http://healthapp.yaksha.com/api/Appointment/AddAppointment

\*\*Expected Output:\*\* Confirmation with appointment details.

\*\*Test:\*\*

* Ensure the status code is 201.
* Validate response body contains AppointmentId, PatientId, and AppointmentDate.
* Verify that the appointment date and time match the request.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Get Appointments

\*\*Description:\*\* Fetch appointments based on criteria like date, performerId, and status.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/Appointments

\*\*Expected Output:\*\* List of appointments matching the criteria.

\*\*Test:\*\*

* Validate the status code is 200.
* Ensure response body is an array.
* Check that each appointment object contains AppointmentId, PatientId, and AppointmentDate.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Update Appointment

\*\*Description:\*\* Update details for an existing appointment.

\*\*Endpoint:\*\* PUT http://healthapp.yaksha.com/api/Appointment/UpdateAppointment

\*\*Expected Output:\*\* Confirmation of updated appointment details.

\*\*Test:\*\*

* Check the status code is 200 or 204.
* Validate response contains the updated appointment details.
* Verify that the updated fields match the request.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# List Appointments within Date Range and by Performer

\*\*Description:\*\* Retrieve appointments within a specified date range and by a specific performer.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/Appointments?FromDate=<date>&ToDate=<date>&performerId=<id>

\*\*Expected Output:\*\* Array of appointment objects within the date range and by the performer.

\*\*Test:\*\*

* Confirm the status code is 200.
* Validate response body is an array.
* Check that each appointment object contains AppointmentId, PatientId, and AppointmentDate.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Check for Clashing Appointments

\*\*Description:\*\* Check if there are any clashing appointments for a given date and performer.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/CheckClashingAppointment?patientId=<id>&requestDate=<date>&performerId=<id>

\*\*Expected Output:\*\* Boolean indicating if there is a clash.

\*\*Test:\*\*

* Verify the status code is 200.
* Validate response contains a boolean value.
* Check if the response accurately reflects clashing status.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# List Appointment Applicable Departments

\*\*Description:\*\* Fetch a list of departments where appointments can be made.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/AppointmentApplicableDepartments

\*\*Expected Output:\*\* List of departments.

\*\*Test:\*\*

* Ensure the status code is 200.
* Validate response body is an array.
* Check that each department object contains DepartmentId and DepartmentName.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Get Membership Details

\*\*Description:\*\* Obtain membership details using a membershipTypeId.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/MembershipDetail?membershipTypeId=<id>

\*\*Expected Output:\*\* Membership details.

\*\*Test:\*\*

* Check the status code is 200.
* Validate response body contains membership details.
* Verify that the membership details match the request.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# List Patients with Appointments

\*\*Description:\*\* Retrieve a list of patients with appointments for a given date and performer.

\*\*Endpoint:\*\* GET http://healthapp.yaksha.com/api/Appointment/PatientsWithAppointments?performerId=<id>&requestDate=<date>

\*\*Expected Output:\*\* List of patients with appointments.

\*\*Test:\*\*

* Confirm the status code is 200.
* Validate response body is an array.
* Check that each patient object contains PatientId, AppointmentDate, and PerformerName.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Update Patient in Appointment

\*\*Description:\*\* Update the patient information for a specific appointment.

\*\*Endpoint:\*\* PUT http://healthapp.yaksha.com/api/Appointment/UpdatePatientInAppointment?appointmentId=<id>&patientId=<id>

\*\*Expected Output:\*\* Success message indicating the update.

\*\*Test:\*\*

* Verify the status code is 200.
* Validate response contains a success message.
* Check that the updated fields match the request.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.

# Update Appointment Status

\*\*Description:\*\* Change the status of an appointment to a new value.

\*\*Endpoint:\*\* PUT http://healthapp.yaksha.com/api/Appointment/AppointmentStatus?appointmentId=<id>&status=<status>&PerformerId=<id>&PerformerName=<name>

\*\*Expected Output:\*\* Confirmation of the appointment status update.

\*\*Test:\*\*

* Ensure the status code is 200.
* Validate response contains the updated status.
* Verify that the status change matches the request.
* Validate response time is within acceptable limits.
* Verify Content-Type header is application/json.