| **TC ID** | **Test Case Description** | **Precondition** | **Test Steps** | **Expected Result** | **Priority** |
| --- | --- | --- | --- | --- | --- |
| TC01 | Verify ability to view doctor availability by specialty | User logged into app | Navigate to 'Find Doctors' → Select specialty | List of doctors with their available time slots shown | High |
| TC02 | Verify ability to search doctors near user’s location | Location services enabled | Tap on 'Doctors Near Me' → Grant location permission → View list | List of doctors sorted by proximity shown | High |
| TC03 | Verify appointment booking with selected doctor | Doctor has open slot | Select doctor → Choose slot → Book | Confirmation message and appointment in user dashboard | High |
| TC04 | Verify prevention of double booking (conflicting appointments) | Existing booking for user at 10 AM | Try booking another doctor at same time | Error: "You already have a booking at this time" | High |
| TC05 | Verify conflict prevention for doctor’s schedule | Doctor already booked at 11 AM | Try booking doctor at 11 AM | Error: "Doctor unavailable at this time" | High |
| TC06 | Verify reminder notification before appointment | Appointment time approaching | Wait until 1 hour before appointment | Push notification received with clinic link | Medium |
| TC07 | Verify driving directions in reminder notification | Location services enabled | Open reminder notification | App opens Google/Apple Maps with clinic directions | Medium |
| TC08 | Verify failed booking if network is down | No internet connection | Try to book an appointment | Error: "Network error, please try again later" | Medium |
| TC09 | Verify appointment appears in user dashboard after booking | Appointment successfully booked | Go to 'My Appointments' | Booking displayed correctly with details | High |
| TC10 | Verify past appointments are not shown for rebooking | User had appointment yesterday | Go to 'My Appointments' | Past appointment marked as completed; rebooking disabled | Low |