Use Case Scenario

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| Nr. and Name: | C06 Create Appointment |
| Scenario: | Doctor creates an Appointment for a session with a patient. |
| Short Description: | A new appointment is needed |
| Actors: | Dr. Health (Doctor), Application |
| Starting Event and Preconditions: | Patient has contacted doctor and desires to create an appointment |
| Result and Postconditions: | A new appointment is created and added to the doctor’s timetable |

Steps:

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| Nr. | Actor | Description |
| 1 | Dr. Health | Dr. Health consults his timetable for an available time slot |
| 1.1 | Dr. Health | Dr. Health enters time and duration for new appointment |
| 2 | Dr. Health | Dr. Health looks up patient in the system |
| 2.1 | Dr. Health | If the patient was not found, the doctor registers the patient |
| 2.2 | Dr. Health | If more details about the patient are required, Dr. Health opens patient’s details page |
| 2.3 | Application | Application notifies Dr. Health if there are any appointment conflicts |
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Exceptions, Variants:

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| Nr. | Actor | Step |
| 1 | Application | Timetable is not available (cannot reach server) |
| 1.1 | Dr. Health | Wrong input format |
| 2 | Dr. Health | Patients list not available (cannot reach server) |
| 2.1 | Dr. Health | Interface error on register patient |
| 2.1 | Application | Patient already exists (all keys match) |
| 2.3 | Application | Timetable is not available (cannot reach server) |
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