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| *VENI App* |
| **Operation Contracts** |
| **SE 6387 Advanced Software Engineering Project**  **R.Z. Wenkstern**    ***April 22, 2015*** |

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**Revision History**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Authors** |
| 1.0 | 03-Mar-2015 | Completed initial draft | K.Whitmire |
| 2.0 | 22-Apr-2015 | Updated variable names | K. Whitmire |

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# Operational Contract: Check-In Use Case

## Contract C01: Checkin()

Operation: Checkin()

Cross Reference: Check-in use case

Pre-conditions: App is installed, user has gone through registration, and user has downloaded at least one appointment instance.

Post-conditions: User is checked in for appointment (from array Appointment[]), and has directions to the appointment room (Appointment.direction).

## Contract C02: ShowAppts(ApptList)

Operation: ShowAppts(ApptList)

Cross Reference: Check-in use case

Pre-conditions: list of appointments exists (array Appointment of appointment instances)

Post-condition: list of downloaded appointments is displayed to user (array Appointment of appointment instances)

## Contract C03: PickAppt(Appt)

Operation: PickAppt(Appt)

Cross Reference: Check-in use case

Pre-conditions: list of downloaded appointments is displayed to user (array of Appointment instances)

Post-condition: user has chosen one appointment to check in for (Appointment Appointment = Appointment[x])

## Contract C04: ApptRoomDirections(Dir)

Operation: ApptRoomDirections(Dir)

Cross Reference: Check-in use case

Pre-conditions: checked-in for appointment, and have directions to appointment room

Post-condition: display directions (Appointment.directions) to appointment room to user