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| *VENI App* |
| **Operation Contracts** |
| **SE 6387 Advanced Software Engineering Project**  **R.Z. Wenkstern**    ***March 3, 2015*** |

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| **Group *X*** |
| **Brian MacKay** |
| **Anant Kambli** |
| **Raleigh Murráy** |
| **Shahed Shuman** |
| **Kathryn Whitmire** |

**Revision History**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Authors** |
| 1.0 | 03-Mar-2015 | Completed initial draft | K.Whitmire |
| 1.1 | 03-Mar-2015 | Added Contract C05: connect VENI to a new Vista System | S Shuman |

Contents

[Operational Contract: Check-In Use Case 4](#_Toc412291279)

[Contract C01: Checkin() 4](#_Toc412291280)

[Contract C02: ShowAppts(ApptList) 4](#_Toc412291281)

[Contract C03: PickAppt(Appt) 4](#_Toc412291282)

[Contract C04: ApptRoomDirections(Dir) 4](#_Toc412291283)

# 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.

Post-conditions: User is checked in for appointment, and has directions to the appointment room.

## Contract C02: ShowAppts(ApptList)

Operation: ShowAppts(ApptList)

Cross Reference: Check-in use case

Pre-conditions: list of appointments exists

Post-condition: list of downloaded appointments is displayed to user

## Contract C03: PickAppt(Appt)

Operation: PickAppt(Appt)

Cross Reference: Check-in use case

Pre-conditions: list of downloaded appointments is displayed to user

Post-condition: user has chosen one appointment to check in for

## 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 (as string) to appointment room to user

## Contract C05: connect VENI to a new Vista System

Operation: Backend Setup

Cross Reference: Use Case: Maintain Administrative Information

Pre-conditions: The lists of the VistA systems and VHA facilities all set up, and the mapping between them is available

Post-condition: The VENI system is connected to a new Vista System