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

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**Revision History**

|  |  |  |  |
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| 1.0 | 21-Mar-2015 | Create initial document | K.Whitmire |
| 2.0 | 22-Apr-2015 | Date correction | K. Whitmire |

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# Detailed Design Diagrams

## Grey Box sequence diagrams

### Authenticate User

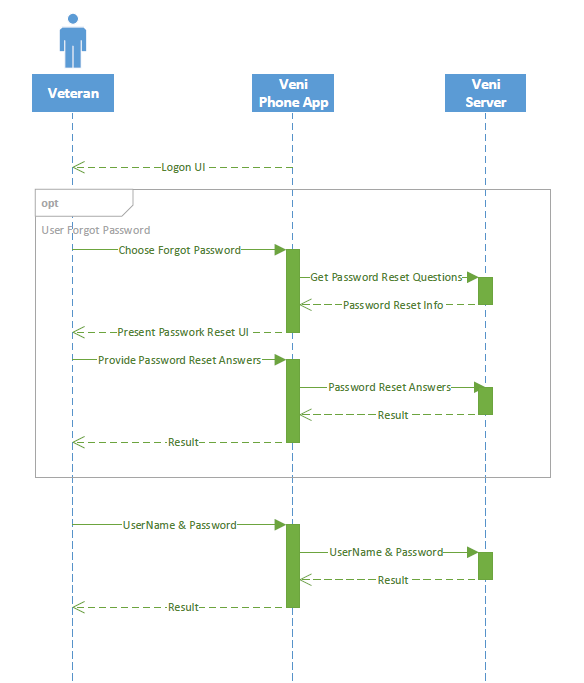


Figure 1

### Check-in User

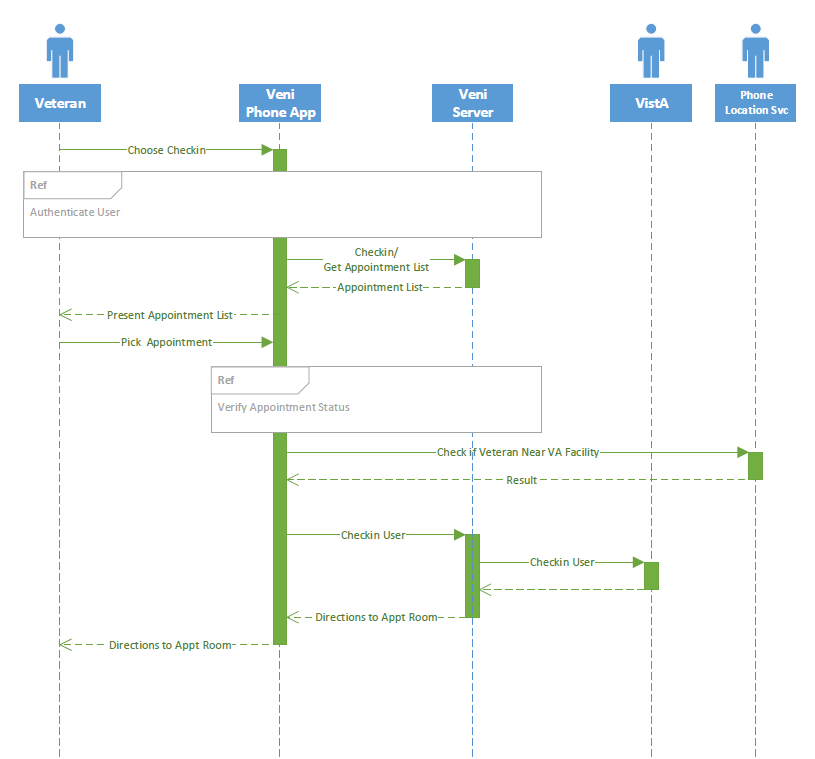


Figure 2

### Download Appointments

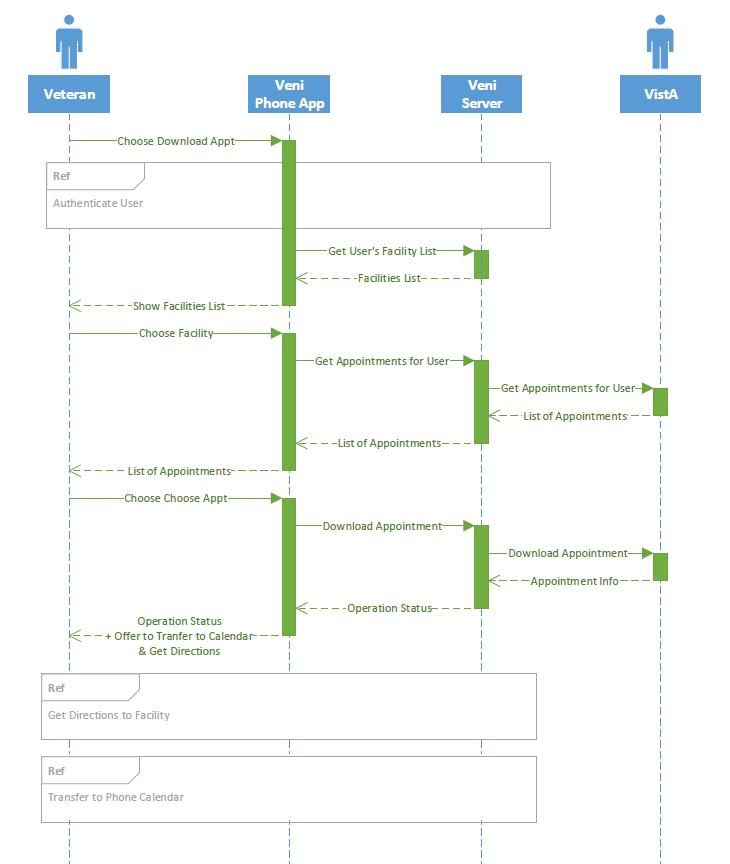


Figure 3

### First Run Experience

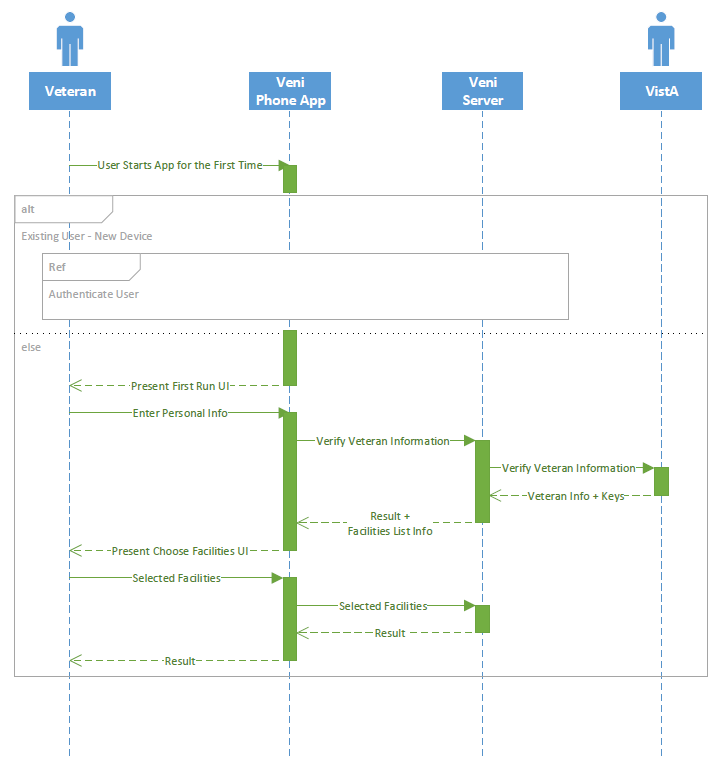


Figure 4

### Get Directions

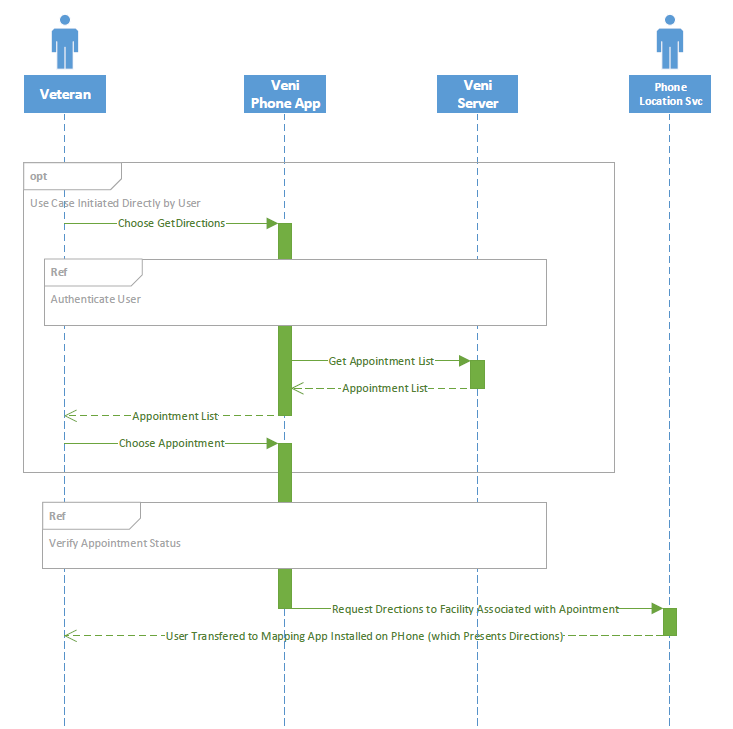


Figure 5

### Transfer to Calendar

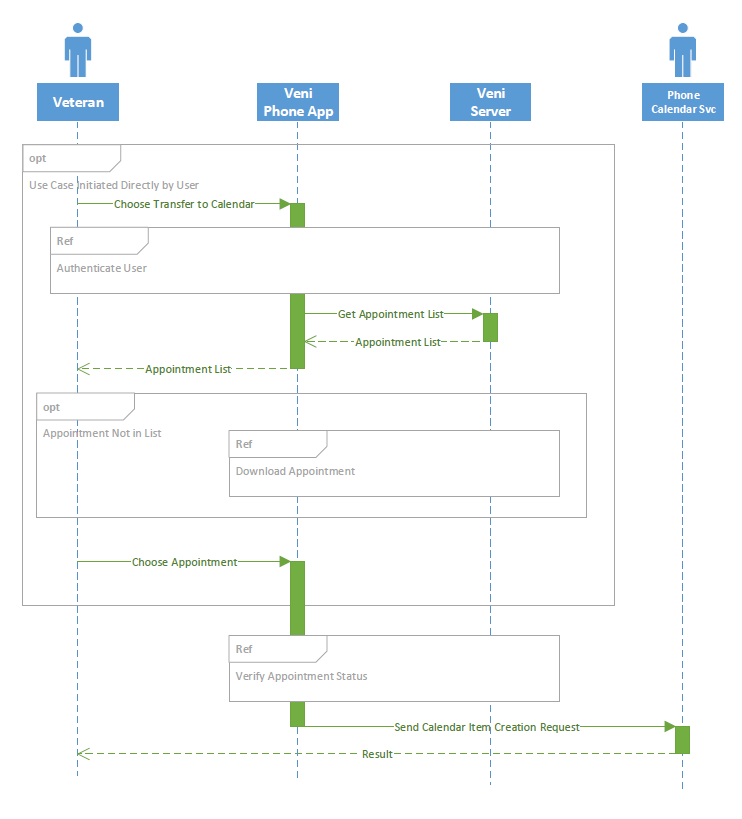


Figure 6

Verify Appointment Status

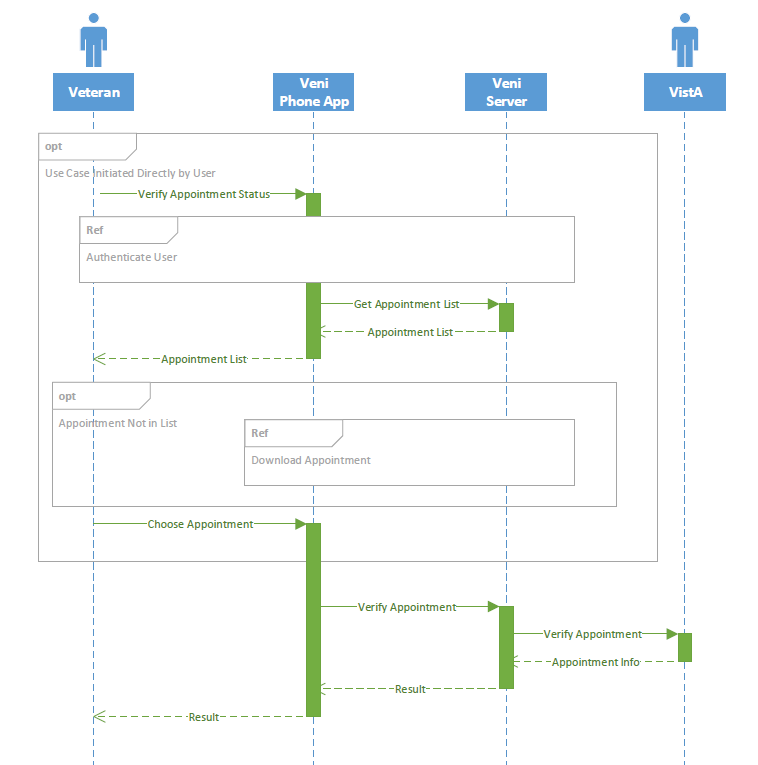


Figure 7

## White Box sequence diagram

For primary use case CheckIn()

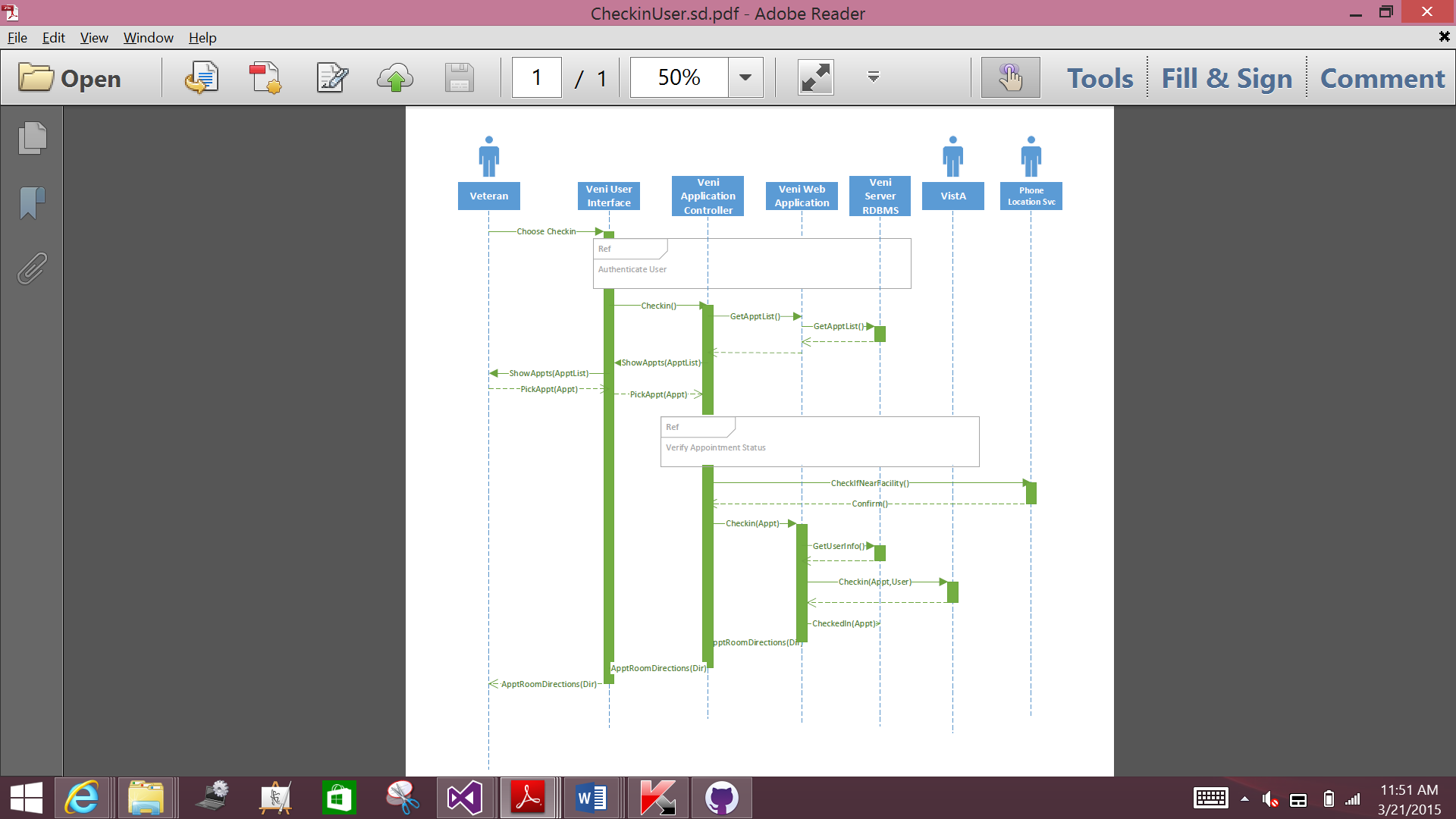


Figure 8

## Design Class Diagram

For primary use case CheckIn()

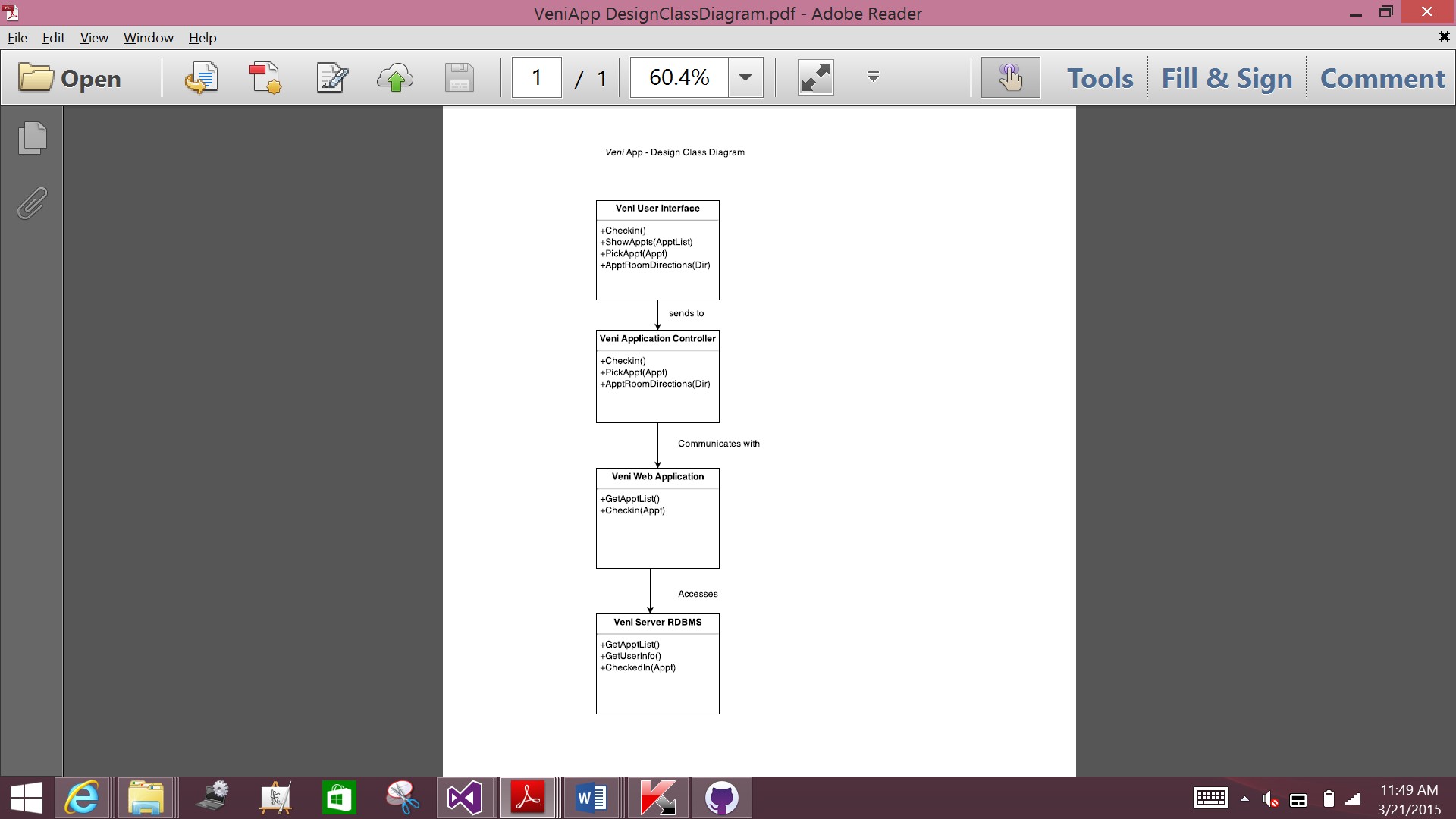


Figure 9