**Class Diagrams**

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| **DrugDatabase** |
| Data: DrugDatabase  ServerHost: String |
| SetData(host):DrugDatabase  Host(): void |

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| **Patient** |
| patient: Patient  paetientInfo: Patient |
| setPatient(patient) : void  getPatient(): Patient |

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| **Drug** |
| drugScan: Drug  input: Drug |
| ScanForDrugInfo(drugScan): Drug  getDrugScan(): void  readDrugScan(): void |

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| **Main** |
| Input: Scanner |
| main |

**Sequence Diagram**

Patient

Drug

DrugDatabase

Main

Host() setData(host)

getDrugScan()

readDrugScan()

getDrug()

setPatient()

getPatient()