**Hospital Management Application**

**PatientTransactions**

**Hospital**

**PatientOperations**

**Patient**

**Doctor**

**Nurse**

**Receptionist**

**Wardboy**

**Staff**

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**StaffOperations**

**ReceptionistOperations**

**DoctorOperations**

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| **DoctorOperations** |
| boolean insertDoctor(Doctor d)  boolean removeDoctor (Doctor d)  Doctor searchDoctor (int id)  void showAllDoctors( ) |

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| **PatientTransactions** |
| boolean addmoney(double amount)  boolean costmoney(double amount) |

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| **PatientOperations** |
| boolean insertPatient(Patient p)  boolean removePatient (Patient p)  Patient searchPatient (int id)  void showAllPatients( ) |

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| **ReceptionistOperations** |
| boolean insertReceptionist(Reception r)  boolean removeReception (Reception r)  Receptionist searchReceptionist (int id)  void showAllReceptionists( ) |

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| **StaffOperations** |
| boolean insertStaff(Staff s)  boolean removeStaff (Staff s)  Staff searchStaff (int id)  void showAllStaffs( ) |

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| **Doctor** |
| int id  String name  String timing  String category  String qualification  String rm  Patient patients[ ] |
| void setId(int id)  void setName(String name)  void setTiming(String timing)  void setCategory(String category)  void setQualification(String qualification)  void setRoom(String rm)  int getId( )  String getName( )  String getTiming()  String getCategory()  String getQualification()  String getRoom()  void showDetails( )  void showDetails2() |

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| **Patient** |
| int id  String name  int age  String disease  Double balance |
| void setId(int id)  void setName(String name)  void setAge(int age)  void setDisease(String disease)  void setBalance(double balance)  int getId()  String getName( )  int getAge()  String getDisease()  double getBalance()  void showDetails( ) |

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| **Nurse** |
| String gender  String timing |
| Nurse()  void setGender (String gender)  void setTiming(String timing)  String getGender ( )  String getTiming()  void showDetails( ) |

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| **Wardboy** |
| String gender  String timing |
| Wardboy()  void setGender (String gender)  void setTiming(String timing)  String getGender ( )  String getTiming()  void showDetails( ) |

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| **Staff** |
| int id  String name  double salary |
| Staff()  void setId(int id)  void setName(String name)  void setSalary(double salary)  int getId()  String getName( )  double getSalary()  void showDetails( ) |

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| **Receptionist** |
| int id  String name  String bloodgr  String address  String phnNumber |
| void setId(int id)  void setName(String name)  void setBloodgr(String bloodgr)  void setAddress(String address)  void setPhnNumber(String phnNumber)  int getId()  String getName( )  String getBloodgr( )  String getAddress( )  String getPhnNumber()  void showDetails( ) |

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| **Hospital** |
| String name  String address  Doctor doctors[ ]  Receptionist receptionists[ ]  Staff staffs[ ] |
| void setName(String name)  void setAddress(String address)  String getName( )  String getAddress( )  void showDetails( ) |

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| **Start** |
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