**Assign a Role**

|  |  |
| --- | --- |
| **Management** | |
| RegisterTechnician  AssignTechnicianRole  DeleteTechnician | Technician  Technician |

|  |
| --- |
| Username  Password  techNo |

**Front of card Back of card**

|  |  |
| --- | --- |
| **Technician** | |
| createProfile  updateProfile |  |

|  |
| --- |
| name  Password  techno  idNumber  mobileNumber |

**Front of card Back of card**

**View Reports**

|  |  |
| --- | --- |
| **Management** | |
| viewReports | reports |

|  |
| --- |
| Username  Password  repNumber  repDate |

**Front of card Back of card**

|  |  |
| --- | --- |
| **Technician** | |
| generateReports |  |

|  |
| --- |
| Username  password  repNumber  repDate  faultSatus  faultNo |

**Front of card**

**Back of card**

**Update PC Specifications**

|  |  |
| --- | --- |
| **PC** | |
| searchPC  updatePCSpecifications | lab |

|  |
| --- |
| pcNo  labNo  HDD  systemType  processor  ramSize |

**Front of card Back of card**

|  |  |
| --- | --- |
| **lab** | |
| getPc |  |

|  |
| --- |
| pcNo  labNo |

**Front of card Back of card**

**Log Pc fault**

|  |  |
| --- | --- |
| **FAULTHANDLER** | |
| LogPcFault()  SubmitFAULT() | **STUDENT**  **FAULT** |

|  |
| --- |
| **STUDENT** |
| getStudent(studNum, password) |

|  |
| --- |
| **FAULT** |
| getFault(faultNo, faultName, pcNo) |

**Add New Pc**

|  |  |
| --- | --- |
| **PCHANDLER** | |
| newPc() | **TECHNICIAN**  **PC** |

|  |
| --- |
| **TECHNICIAN** |
| techno  passwd |

|  |
| --- |
| **PC** |
| pcNo  labNo  pcHDD  pcSystemType  pcProcessor  pcRam |

**Fix Logged Faults**

|  |  |
| --- | --- |
| **FIXLOGGEDFAULSTHANDLER** | |
| SelectLoggedFault()  FixFault() | **TECHNICIAN**  **FIXLOGGEDFAULTS** |

|  |
| --- |
| **TECHNICIAN** |
| techno  techPasswd |

|  |
| --- |
| **FAULT** |
| getFault(faultNo, faultName) |

**View logged fault**

|  |  |
| --- | --- |
| viewFaultHandler | |
| **Responsibilities**  -getFaultRep(faultNo,faultDesc,faultType) | **Collaborators** |

|  |  |
| --- | --- |
| Technician | |
| **Responsibilities**  -viewFault()  -fixFault() | **Collaborators**  -fault |

|  |  |
| --- | --- |
| faultRep | |
| **Responsibilities**  -getFaultRep()  -fixFault() | **Collaborators**  -fault |

**Update profile**

|  |  |
| --- | --- |
| updateHandler | |
| **Responsibilities**  -updateProfile() | **Collaborators**  -Technician |

|  |  |
| --- | --- |
| Technician | |
| **Responsibilities**  -updateProfile() | **Collaborators** |

**Change PC Status**

|  |  |
| --- | --- |
| **technicianHandler** |  |
| updatePCStaus | Technician |

|  |
| --- |
| current\_pc\_nr  LabNr |

**Front of cardBack of card**

|  |  |
| --- | --- |
| **Technician** |  |
| updatePCStaus | PC |

|  |
| --- |
| current\_pc\_nr  LabNr |

**Front of cardBack of card**

|  |  |
| --- | --- |
| **PC** |  |
| updatePCStaus | Technician |

|  |
| --- |
| current\_pc\_nr  labNr  PcStatus |

**Front of cardBack of card**

**Write-Off PC**

|  |  |
| --- | --- |
| **technicianHandler** |  |
| setTechNr  markPCWrittenOff  UpdateFaultRepStaus  UpdateFixMethod | Technician  Technician  Technician  Technician |

|  |
| --- |
|  |

**Front of cardBack of card**

|  |  |
| --- | --- |
| **Technician** |  |
| SetTechNr  markPCWrittenOff  UpdateFaultRepStaus  UpdateFixMethod | PC  FaultReport  faultReport |

|  |
| --- |
| TechNr |

**Front of cardBack of card**

|  |  |
| --- | --- |
| **FaultReport** |  |
| UpdateFaultRepStaus  UpdateFixMethod  getTechNr | Technician |

|  |
| --- |
| FaultRepNr  FaultRepStatus  TechNr  PcSerialNr  FaultFixMethod  faultFixedDate |

**Front of cardBack of card**

|  |  |
| --- | --- |
| **PC** |  |
| updatePCStaus |  |

|  |
| --- |
| PcSeialNr  pcStatus |

**Front of cardBack of card**