|  |
| --- |
| <<interface>>  Login |
| +ownerLogin(email: str, password:str)  +ownerRegister(email:str, Password:str) |

|  |
| --- |
| <<interface>>  Login |
| +staffLogin(email: str, password: str) |

|  |
| --- |
| <<interface>>  Setup Staff Account |
| +setupStaffAccount(name:str, dateOfBirth:date, phone\_no:str, email:str) |

|  |
| --- |
| <<interface>>  Manage Area |
| +checkIn(crownpassID: str)  +checkout(crownpassID: str)  +evacuate()  +resetAreaState() |

|  |
| --- |
| <<interface>>  Registration |
| +registerArea(name: str, address: str, type: str, capacity: int, contact\_no: str)  +viewRegistrationData()  +update() |

|  |
| --- |
| <<interface>>  Area |
| +setEntryCondition(state: str) |

|  |
| --- |
| <<interface>>  View Operation State |
| +viewOperationState() |

Subsystem B – Textual documentation of Components and Connectors

|  |  |
| --- | --- |
| **Service Name** | **Service Provided** |
| Authentication Manager | Microservice running on the cloud which processes requests related to creation of accounts by Area Owners (for operation staff). Interacts with user database |
| Registration Manager | Microservice |
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