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| Use Case: View Detailed Data Usage |
| ID: *5* |
| Goal: *view detailed data usage* |
| Primary actor: M*anager* |
| Secondary actor(s): *Backend server* |
| Preconditions:  *1. Backend server is functioning* |
| Postconditions: *1. The manager views detailed analysis of data usage* |
| Main flow:   1. *System asks the manager to login* 2. *Manager logs into the system* 3. *System validates login details* 4. *Manager views detailed data usage of the system* |
| Alternative flows:  *2a.Incorrect login*  *1.System shows incorrect login*  *2. The systems asks the manager to login again*  *3. Return to step 1 main flow* |

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| Use Case: Control IoT devices |
| ID: 6 |
| Goal: operate devices |
| Primary actor: Dweller |
| Secondary actor(s): *Backend server* |
| Preconditions:  *1. IoT devices are operational*  *2. Backend server is functioning* |
| Postconditions: *1.Home dweller operates IoT devices* |
| Main flow:   1. *Dweller selects the device he wants to control* 2. *System connects him to that device* 3. *Dweller is able to operate that device* |
| Alternative flows:  None |

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| Use Case: Share Statistics |
| ID: 7 |
| Goal*: Share statistics of data usage* |
| Primary actor: *Dweller* |
| Secondary actor(s): *Backend server* |
| Preconditions:  *1. Backend server is functioning*  *2. System is connected to the internet* |
| Postconditions: *1. Statistics are shared* |
| Main flow:   1. *Dweller chooses to share statistics* 2. *System offers the dweller different social media outlets to choose from* 3. *Dweller selects the preferred outlet* 4. *System asks dweller for login info* 5. *Dweller enters login details for that outlet* 6. *Statistics are shared* |
| Alternative flows:  *5a. Incorrect login*  *1.System shows incorrect login*  *2. The systems asks the dweller to login again*  *3. Return to step 4 main flow* |