IoT Sensor Data
LEVEL 0
Dumpster Sensor System
Context Diagram
Ulowa Resouces

LEVEL 1

User
Username
Password
Role
Email

Errors
Error Message

Password
Password

Unauthenticated A&A
Username
Password

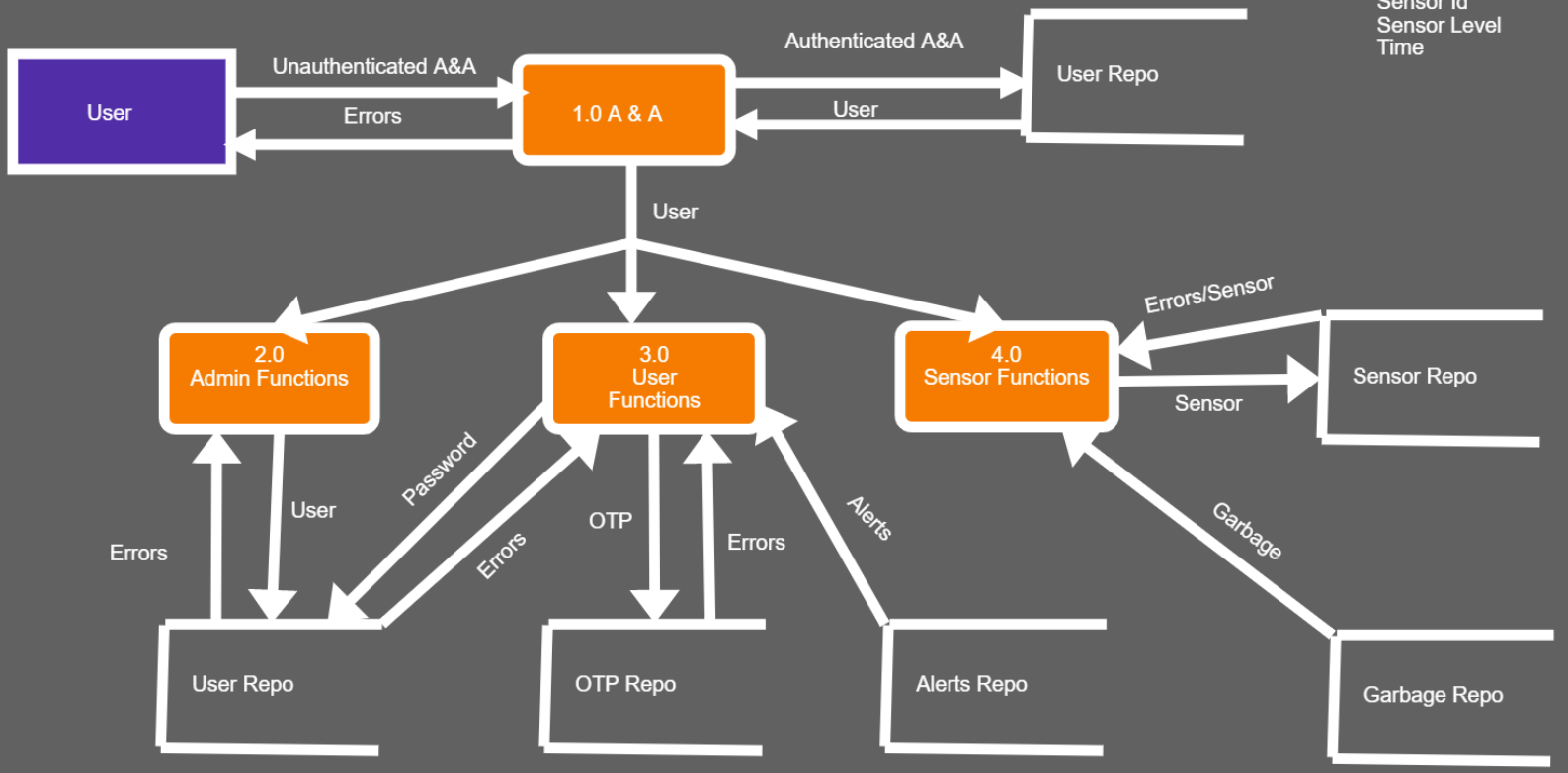
Authenticated A&A
Username
Encrypted Password

Garbage
Sensor Id
Sensor Level
Time

OTP
One Time Password
User id
Expired

Alerts
Error
Archived
Sensor Id

Sensor
Location
Time 1
Time 2
Power Level
Installed
Last Updated



LEVEL 2
1.0 A & A

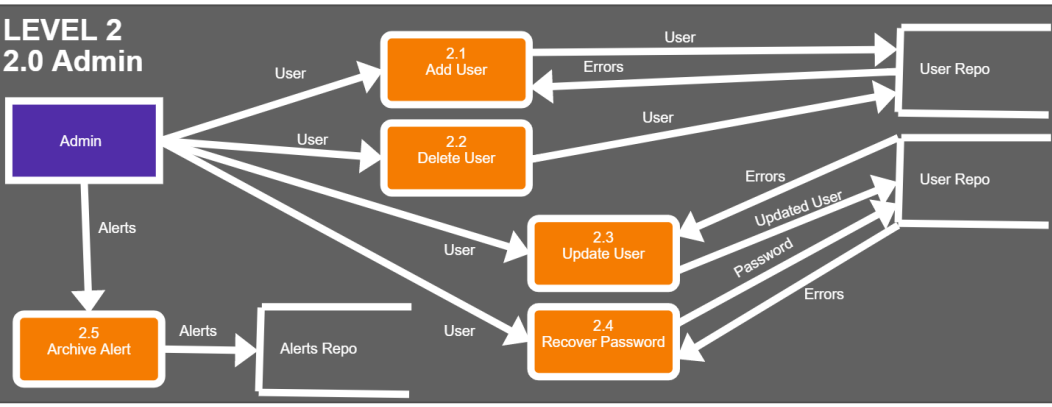
User
Username
Password
Role
Email

Unauthenticated A&A
Username
Password

Authenticated A&A
Username
Encrypted Password

Errors
Error Message

LEVEL 2
2.0 Admin



User
Username
Password
Role
Email

Authenticated
User Id

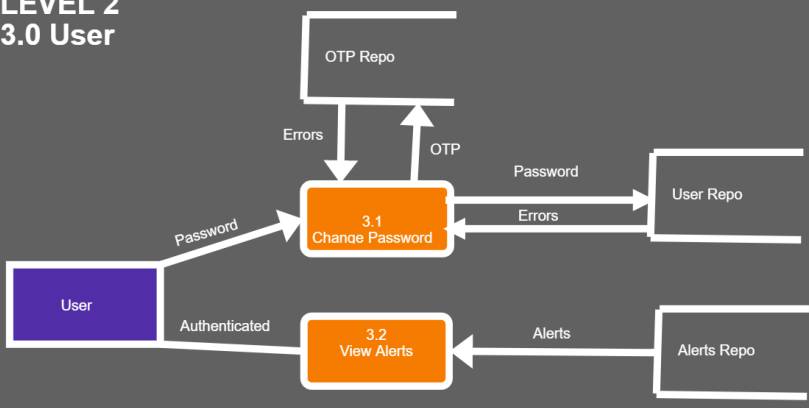
Errors
Error Message

Updated User
Role
Email

Password
Password

Alerts
Error
Archived
Sensor Id

LEVEL 2
3.0 User



Errors
Error Message

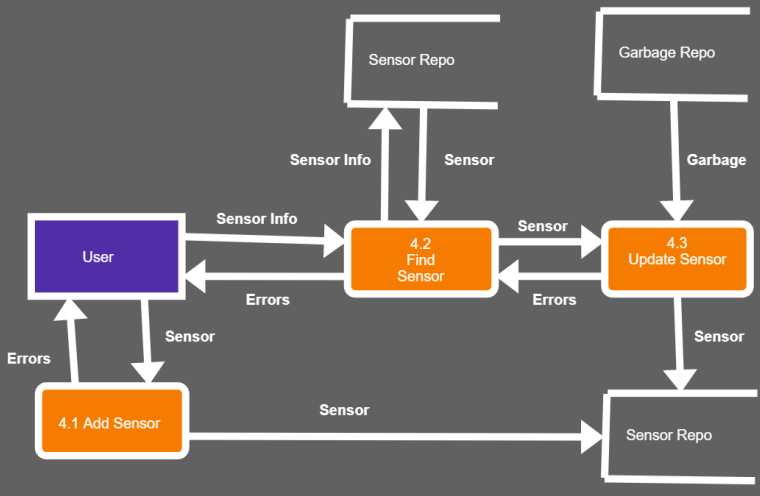
Password
Password

Authenticated
User Id

Alerts
Error
Archived
Sensor Id

OTP
One Time Password
User id
Expired

LEVEL 3
4.0 Sensor



Errors
Error Message

Sensor
Location
Time 1
Time 2
Power Level
Installed
Last Updated

Garbage
Sensor Id
Sensor Level
Time

Sensor Info
Sensor Id
Location