### **SIT 725**

## **Applied Software Engineering**

Task 5.2C

Disen Jia 223314816

#### **Project Structure:**

#### Repository link:

SIT725/Task 5.2C/UAV Analysis Platform at main · JudsonJia/SIT725

#### Screenshot:

```
PS C:\Users\51539\Desktop\Deakin HD T2 Homework\SIT725 - Applied Software Engineering\Task 5.2C\UAV_Analysis_Platform> node server.js
UAV Performance Analysis Platform (MVC) listening on port 3000
Server started at: 2023-08-13T10:27:57.6152
Environment: development

Available endpoints:
GET / - Main application
POST /api/auth/register - User registration
POST /api/auth/login - User login
GET /api/auth/profile - Get user profile
PUT /api/auth/profile - Update user profile
PUT /api/auth/profile - Update user profile
POST /api/flights/upload - Upload UAV flight data
GET /api/flights - Get user's flight history
GET /api/flights - Get user's flight analysis
GET /api/flights/:id - Get specific flight analysis
GET /api/flights/:id/report - Generate flight report
DELETE /api/flights/:id - Delete flight data
GET /api/flights/:id - Delete flight data
GET /api/health - Health check
Mongo08 Connected: localhost
```

DRONE UAV Analysis Data Upload Analysis Data Upload Analysis Visualization Report

# UAV Performance Analysis & Visualization Platform

Comprehensive analysis tools for MEC-enabled autonomous UAV delivery systems, helping researchers understand network degradation impact on UAV flight performance



#### Platform Core Features

