NETWORK DESIGN CN 307 LAB ASSIGNMENT PROPOSAL

# Topic: Airport Network Design

## Team members:

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# Idea:

There are three departments:

## Airport Authorities:

**Airport authority** maintains a **server** that would handle the entire airport network architecture and maintenance. The users will be assigned **IP** addresses automatically via **DHCP**.

* Maximum users:20
* Server Required: **DHCP,DNS, FTP& SMTP**

## Flight Service providers:

**Flight Service providers** would have access to only specific server, in the airport authority network and not to any other systems. The guest users will be assigned **IP** addresses automatically via **DHCP**.

* Maximum users: 30

## Guest users:

**The guest** users will have **wireless access** to the internet using a common password with restricted access. The guest users cannot have access to the network of the other two departments. The guest users will be assigned **IP** addresses automatically via **DHCP**. There will be some **premium** guest users with unrestricted access to the internet (no restrictions on YouTube and social sites)

* Maximum Users: 50