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ApCS description

Every user who is experienced in the existing system may think of a system that may add more flexibility and run with some common applications such as android. The ApCS is designed in such a way to avoid the limitations of the existing system. The ApCS supports more flexibility, comfort ability and security.



ApCS objectives

1. **To implement a cheap and open source of airport automation system**
2. **capable of controlling and automating most of the airport appliances through an android device.**

The ApCS is working with very popular android phones. It is having mainly three components; the android enabled user device, a wifi router having a good scalable range, and an arduino board. Here the user/staff have provision to control the airport appliances through android enabled device.



The arduino board is configured according to the ApCS and it will enable the relay circuit as per user request. The relay circuit can control the airport appliances also. We can add appliances to the system also can add additional security features.

Advantages of ApCS

The new system must provide the following features

- It allows more flexibility through android device.
- It allows a good range of scalability.
- It provides security and authentication.
- Additional vendors can be easily added.

