

ADU COURIER SERVICE

SUPERVISED BY – DR. Murad Al-Rajab



DONE bY –

MOhammed Ali Al Hassani (1072797)

Kevin JOhn (1072928)

In the current pandemic time, many around the clock services had been stopped due to the restrictions placed for safety. Majorly disrupted were the logistics services to deliver important parcels for people living across each other. It caused major losses both in monetary and productivity. Still the virus is at large and using mass courier services will be a risk as they have more in contact with a large number of people.

In the current scenario in Abu Dhabi University there is high demand for exchange of documents & parcels inside campus, between campuses and other universities. To operate inside Abu Dhabi University, you need a PCR test which shows you are COVID Negative for the past 14 days so is the case to travel borders for the other branches and universities. By implementing a more private logistic service we could ensure both productivity and safety to users.

The features would include a login page which could be a staff or a student or delivery man. In which staff would be able to request for courier service to hand over a document to another department or campus for free of cost while student could request for the transfer of their documents secured at a cost which will be sent to a staff for requesting the courier service. The delivery man will be able to accept the couriers he wants to pick on his way. Student will be able to see the status of their courier so as staff while delivery man can change it to delivered after delivered.

The data to be collected for MongoDB would be.

Student (ID, Name, Date of Birth, Contact Number, Request Type, Additional Requests, Payment (Credit Card / Student Balance) )

Staff (ID, Name, Position, Department, Office Number, Request Type, Additional Requests)

Delivery Man (ID, Name, Contact Number)

The development would try to be Object Oriented Style to incorporate JSON in which Person would be a parent super class while Staff, Student & Delivery man will be child sub classes. There could be other optional classes involved such as Request & Credit Card with limited attributes. Only in further implementation of the mentioned requirements the lack and overhead maybe realized.

Technologies to be used would involve MongoDB, Express JS, Angular JS, Node Js, HTML5, CSS3, Java Script and hopefully Bootstrap and Amazon Web Services.