From view.py

@app.route('/updateRules/<id>', methods =["GET", "POST"])  
@admin\_required  
**def updateRules**(id):  
 rules = dict(Rule\_ID =id, Rule\_Title="", Rule\_Description="")  
 **if** request.method == "GET":  
 rules = getRule(id)  
 **return** render\_template("updateRules.html", info = getHeaderInfo(), rules = rules)  
  
 **if** request.method == "POST":  
 rules['Rule\_Title'] = str(request.form['title'])  
 print (rules['Rule\_Title'])  
 rules['Rule\_Description'] = str(request.form['description'])  
 updateRule(rules)  
 msg = Message(  
 'Rules have been updated',  
 sender='teamRocket299@gmail.com',  
 recipients=  
 ['oj2008@live.com.au'])  
 msg.body = "the health and safety department has updated the rules"  
 mail.send(msg)  
 **return** redirect(url\_for('rules'))  
  
 **if** emptyField(rules['Rule\_Title']) **or** emptyField(rules['Rule\_Description']):  
 errors = "Please enter all the fields."  
 **return** render\_template("updateRules.html", errors=errors, loggedIn=getLoggedIn())  
 **if not** errors:  
 print("no rule errors")  
 addRule(rules)  
 **return** redirect(url\_for('rules'))  
 **else**:  
 **return** render\_template("updateRules.html", info = getHeaderInfo())

From lookup.py

**def updateRule**(rules):  
 data = db.Database(filename="IFB299.db")  
  
  
 oldRules = data.retrieve("rulesDB", "Rule\_ID", rules['Rule\_ID'])  
 **for** key **in** rules:  
 **if** rules[key] != oldRules[key]:  
  
 res = data.updateRulesDB(key, rules[key], rules['Rule\_ID'])  
  
  
 **for** users **in** data.retrieveAll("users"):  
 {  
  
  
 data.insertUserNotification(dict(User\_ID=users['User\_ID'], Notification\_Type="Rules Changed"))  
 }  
 data.close()