

TRIGGERS:

```
DELIMITER //
CREATE TRIGGER UpdateDiagnosisOnBiometricsInsert
AFTER INSERT ON BIOMETRICSINFO
FOR EACH ROW
BEGIN
    IF EXISTS (SELECT 1 FROM USERINFO WHERE User_Id = NEW.User_Id) THEN
        IF NEW.BloodGlucose > 200 AND (SELECT Diagnosis FROM USERINFO WHERE
User_Id = NEW.User_Id) != 'Positive' THEN
            UPDATE USERINFO
            SET Diagnosis = 'At Risk'
            WHERE User_Id = NEW.User_Id;
        END IF;
    END IF;
END;
// DELIMITER;
```

What it does: When we insert a new entry into BiometricsInfo, we use the BloodGlucose value to properly update Diagnosis

```
DELIMITER //
CREATE TRIGGER UpdateDiagnosisOnConditionsInsert
AFTER INSERT ON CONDITIONSINFO
FOR EACH ROW
BEGIN
    IF EXISTS (SELECT 1 FROM USERINFO WHERE User_Id = NEW.User_Id) THEN
        IF NEW.HeartDisease = 1 AND NEW.Hypertension = 1 AND (SELECT Diagnosis FROM
USERINFO WHERE User_Id = NEW.User_Id) != 'Positive' THEN
            UPDATE USERINFO
            SET Diagnosis = 'At Risk'
            WHERE User_Id=NEW.User_Id;
        END IF;
    END IF;
END;
// DELIMITER;
```

What it does: if when we insert into UserInfo, if we see hypertension and heart disease present, we set diagnosis to at risk

```
DELIMITER //
```

```
CREATE TRIGGER UpdateDiagnosisOnLifestyleInsert
AFTER INSERT ON LIFESTYLEINFO
FOR EACH ROW
BEGIN
    IF EXISTS (SELECT 1 FROM USERINFO WHERE User_Id = NEW.User_Id) THEN
        IF NEW.Fruits != 1 AND NEW.Veggies != 1 AND (SELECT Diagnosis FROM USERINFO
WHERE User_Id = NEW.User_Id) != 'Positive' THEN
            UPDATE USERINFO
            SET Diagnosis = 'At Risk'
            WHERE User_Id = NEW.User_Id;
        END IF;
    END IF;
END;
// DELIMITER;
```

What it does: If when we insert into LifestyleInfo if the user doesn't eat enough fruits and veggies we set diagnosis to at risk