#include <SPI.h>

#include <MFRC522.h>

#include <SoftwareSerial.h>

#define SS\_PIN 10

#define RST\_PIN 9

#define GSM\_TX\_PIN 3

#define GSM\_RX\_PIN 2

String MasterTag = "ENTER\_YOUR\_TAG\_ID";

String tagID = "";

SoftwareSerial gsmSerial(GSM\_TX\_PIN, GSM\_RX\_PIN);

MFRC522 mfrc522(SS\_PIN, RST\_PIN);

void setup() {

Serial.begin(9600);

gsmSerial.begin(9600);

SPI.begin();

mfrc522.PCD\_Init();

mfrc522.PCD\_DumpVersionToSerial();

Serial.println("Initializing...");

delay(2000);

gsmSerial.println("AT");

updateSerial();

gsmSerial.println("AT+CMGF=1");

updateSerial();

}

void loop() {

while (getID()) {

if (tagID == MasterTag) {

Serial.println("Access Granted!");

sendSMS("Access Granted!");

}

else {

Serial.println("Access De…