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-- This stored procedure updates ratings of a hospital
-- It takes value of each rating from dropdowns in front-end then
-- updates ratings for that hospital if it exists in database
-- A new record is created with ratings if the hospital does not exists
-- Developer: Mei Wei. https://github.com/weicoding1
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CREATE PROC sp_UpdateRating
@Hospital_Name nvarchar(50),
@Overall_Rating nvarchar(50),
@Mortality nvarchar(50),
@Safety_Care nvarchar(50),
@Readmission nvarchar(50) ,
@Patient_Experience nvarchar(50),
@Effective_Care nvarchar(50),
@Timeliness_Care nvarchar(50),
@Imaging nvarchar(50)

AS
BEGIN
    SET NOCOUNT ON;
    DECLARE @Overall_Rating_Num nvarchar(50),
            @Mortality_Num nvarchar(50),
            @Safety_Care_Num nvarchar(50),
            @Readmission_Num nvarchar(50),
            @Patient_Experience_Num nvarchar(50),
            @Effective_Care_Num nvarchar(50),
            @Timeliness_Care_Num nvarchar(50),
            @Imaging_Num nvarchar(50)

    IF EXISTS (SELECT* FROM dbo.Rating WHERE NAME=@Hospital_Name)
    BEGIN
        BEGIN TRANSACTION
        SELECT @Overall_Rating_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Overall_Rating

        SELECT @Mortality_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Mortality

        SELECT @Safety_Care_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Safety_Care

        SELECT @Readmission_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Readmission

        SELECT @Patient_Experience_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Patient_Experience

        SELECT @Effective_Care_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE @Effective_Care=COMPARE_RATING_WORD

        SELECT @Timeliness_Care_Num=RATING_NUM
        FROM dbo.Compare_Rating
        WHERE COMPARE_RATING_WORD=@Timeliness_Care

        SELECT @Imaging_Num=RATING_NUM
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FROM dbo.Compare_Rating
WHERE COMPARE_RATING_WORD=@Imaging

UPDATE dbo.Rating
SET OVERALL_RATING =      @Overall_Rating_Num,
    MORTALITY =           @Mortality_Num,
    SAFETY_CARE =         @Safety_Care_Num,
    READMISSION =         @Readmission_Num,
    PATIENT_EXPERIENCE=   @Patient_Experience_Num,
    EFFECTIVE_CARE =      @Effective_Care_Num,
    TIMELINESS_CARE =     @Timeliness_Care_Num,
    IMAGING =             @Imaging_Num
WHERE NAME =              @Hospital_Name
COMMIT TRANSACTION
END
ELSE
BEGIN
    SELECT @Overall_Rating_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Overall_Rating

    SELECT @Mortality_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Mortality

    SELECT @Safety_Care_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Safety_Care

    SELECT @Readmission_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Readmission

    SELECT @Patient_Experience_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Patient_Experience

    SELECT @Effective_Care_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE @Effective_Care=COMPARE_RATING_WORD

    SELECT @Timeliness_Care_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Timeliness_Care

    SELECT @Imaging_Num=RATING_NUM
    FROM dbo.Compare_Rating
    WHERE COMPARE_RATING_WORD=@Imaging

    INSERT INTO dbo.Rating ( NAME,
                             OVERALL_RATING,
                             MORTALITY,
                             SAFETY_CARE,
                             READMISSION,
                             PATIENT_EXPERIENCE,
                             EFFECTIVE_CARE,
                             TIMELINESS_CARE,
                             IMAGING)

    VALUES (@Hospital_Name,
             @Overall_Rating_Num,

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@Mortality_Num,  
@Safety_Care_Num,  
@Readmission_Num,  
@Patient_Experience_Num,  
@Effective_Care_Num,  
@Timeliness_Care_Num,  
@Imaging_Num)
```

END

END