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# Architecture Charter

## Purpose of Solution Architecture Document

This Document provides a comprehensive architectural overview of the system. Using different architectural views to depict different aspects of the system

## Project Background

ParsleyHealth needs to send notifications to its patients at various points in their membership. Types of notifications include account creation, upcoming appointments, invoices, and reminder emails. The purpose of this case study is to document and outline the design considerations needed to build a fully functional messaging system.

API end points

<https://parsleyhealth-batch-mbershp-notifcn-master.parsleyhealth.net/>

<https://parsleyhealth-mbrshp-svc-controller>

post:v1/mbrshpsvc/mbrshp\_svc

post:v1/mbrshpsvc/scheduling\_svc

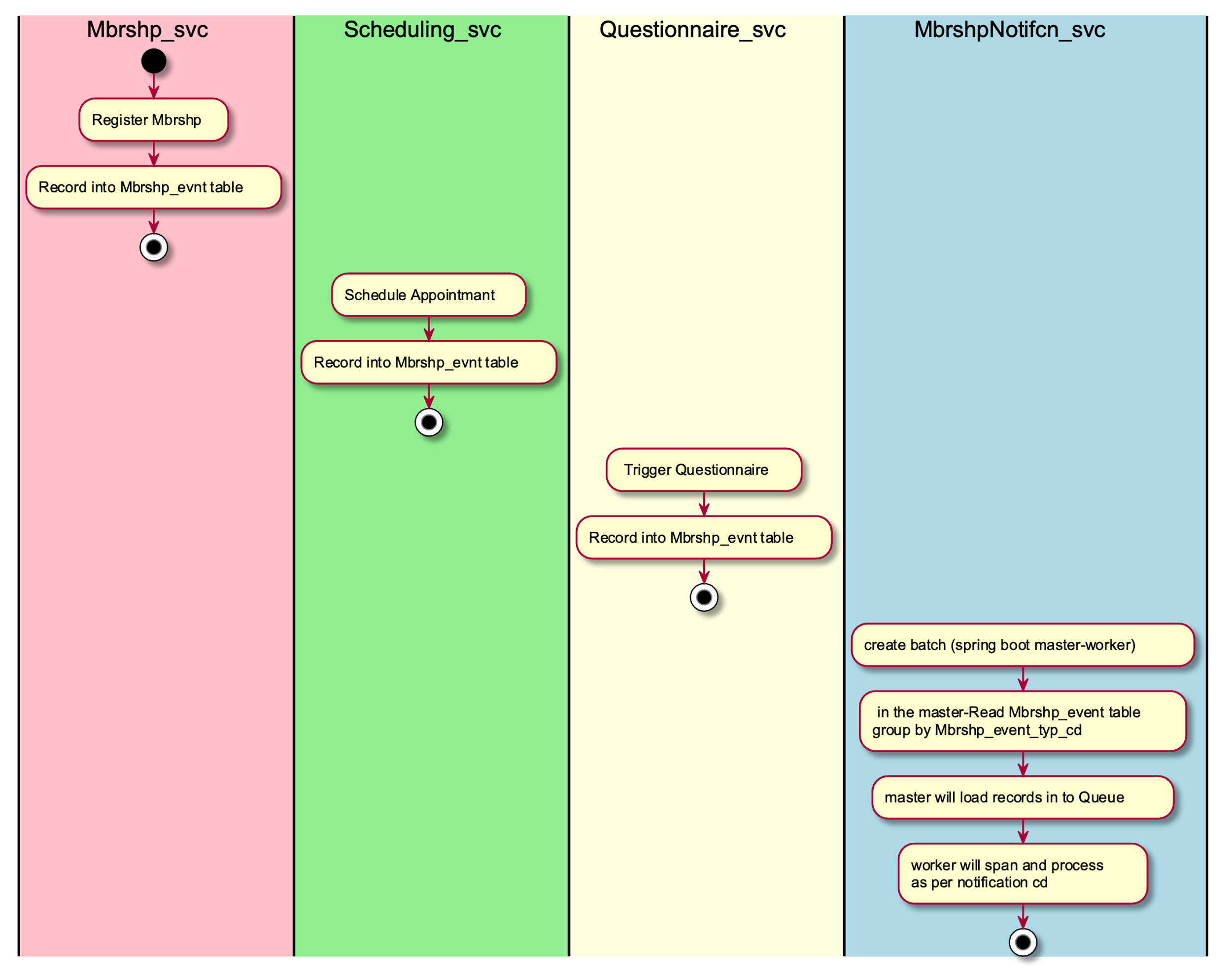
post:v1/mbrshpsvc/questionnaire\_svc

Member:{memberId:<someId>,status<canceled>}

scheduling:{memberId:<>,datetime:<unix timestamp>,status:"scheduled'}

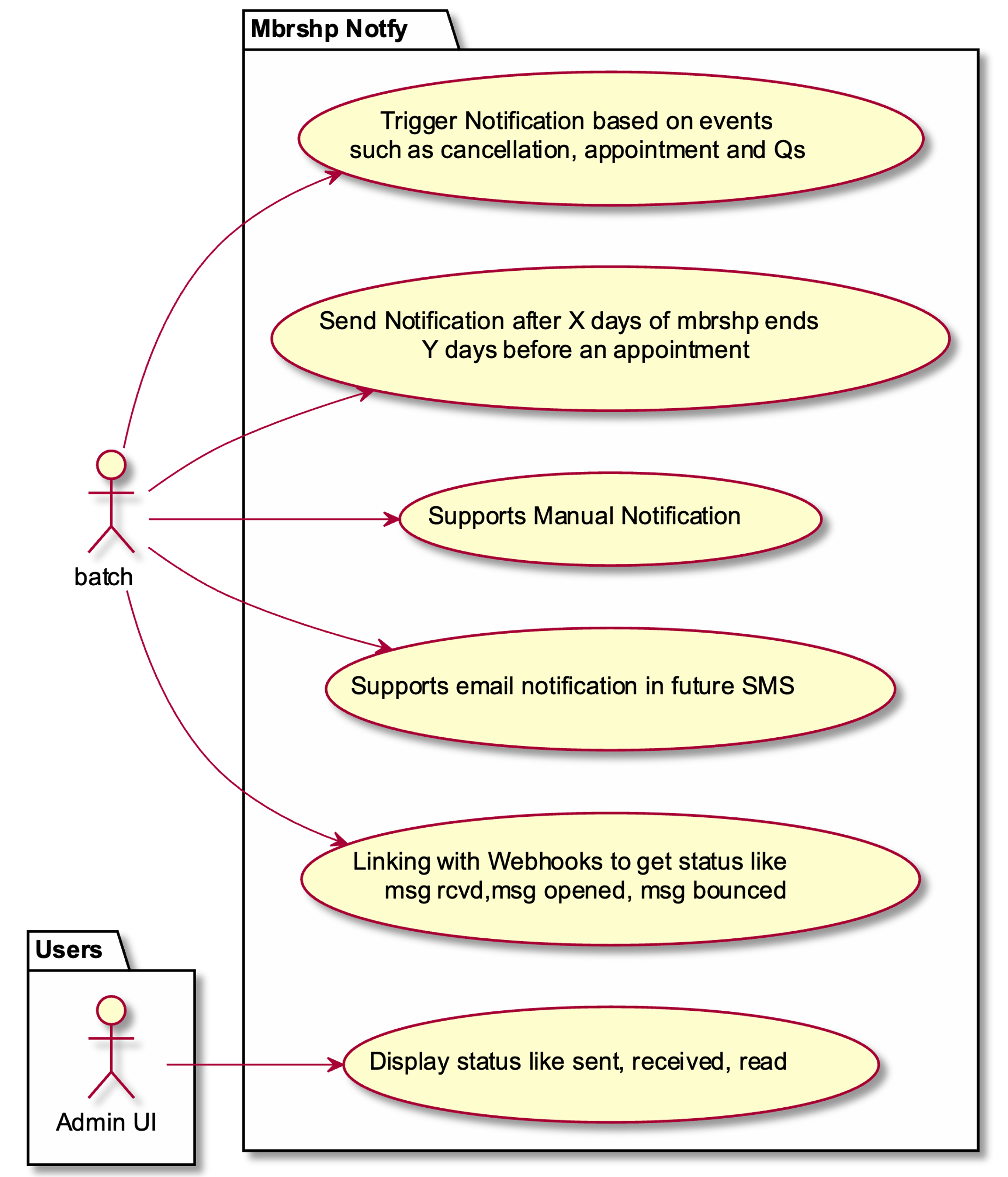
# Assumptions

The below flow is overall integration



# Architecture Requirements

## Requirement Use cases -Diagram



## Non- Functional Requirements

|  |  |
| --- | --- |
| SLA Hours | 24/7 (with Scheduled Maintenance window) |
| Maintenance window | Sunday 11:55 to 12:00 AM |
| Response Time | Based on non -prod (LP) dry run, need to update |

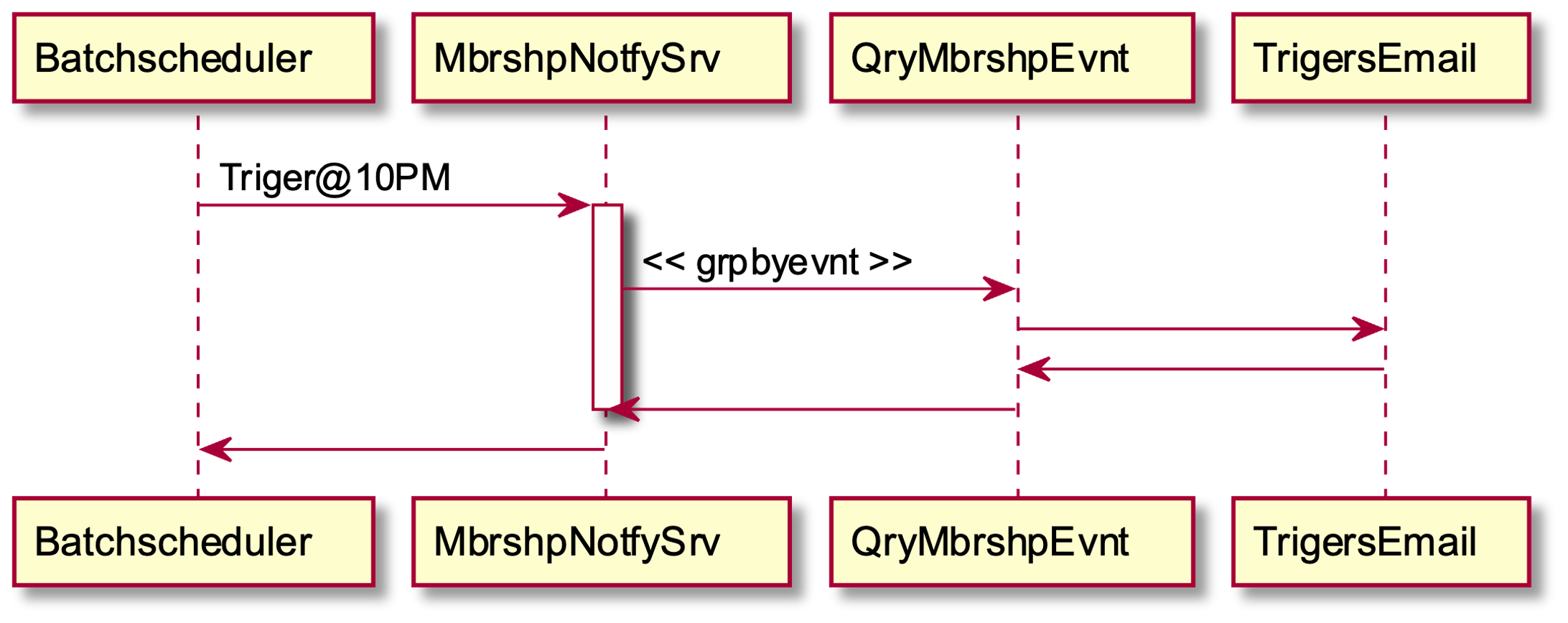
# Solution Design

## Logical Database Design

Diagram

Description automatically generated

## Sequence Diagram



## Activity Diagram

