

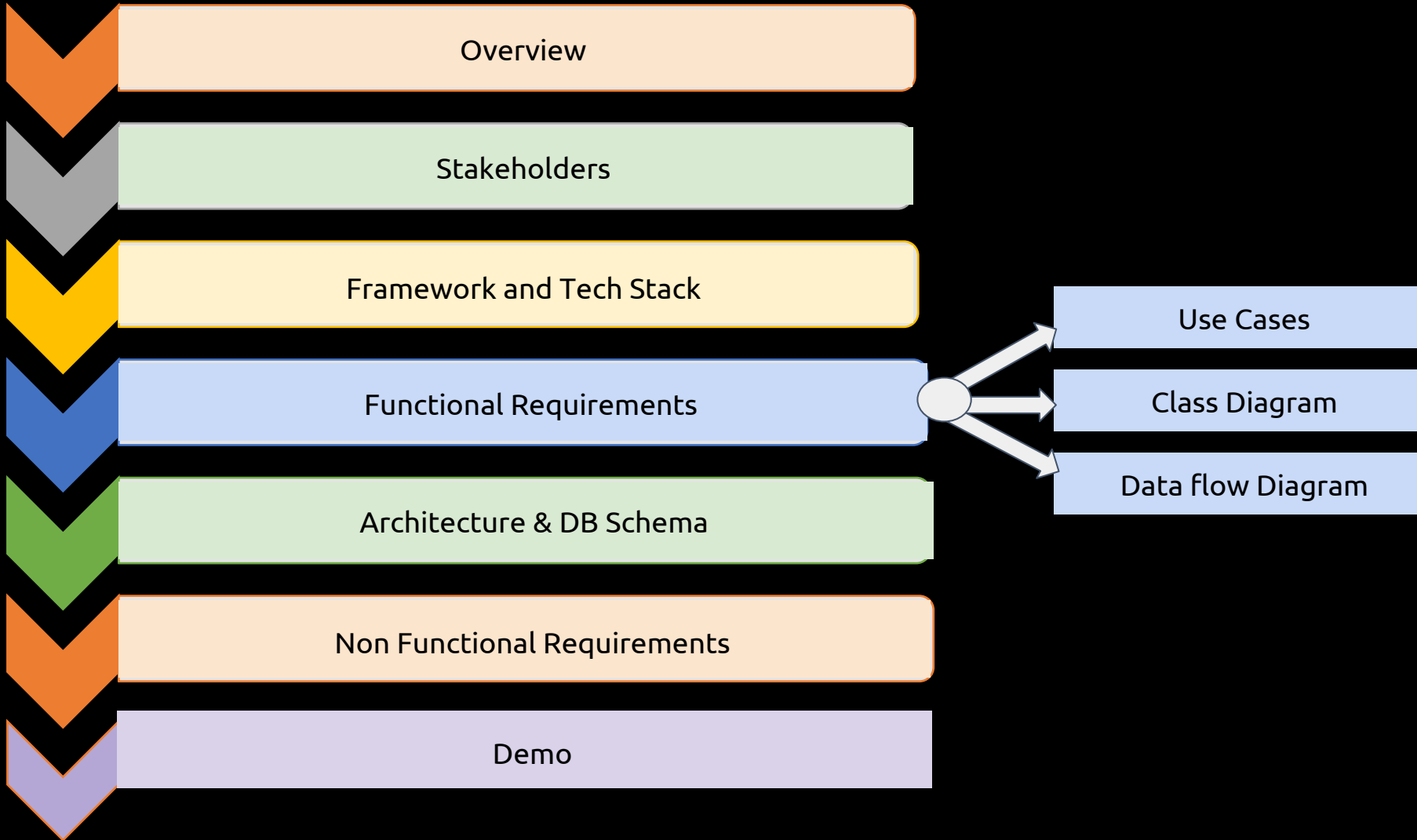
# City Based Event Notification System



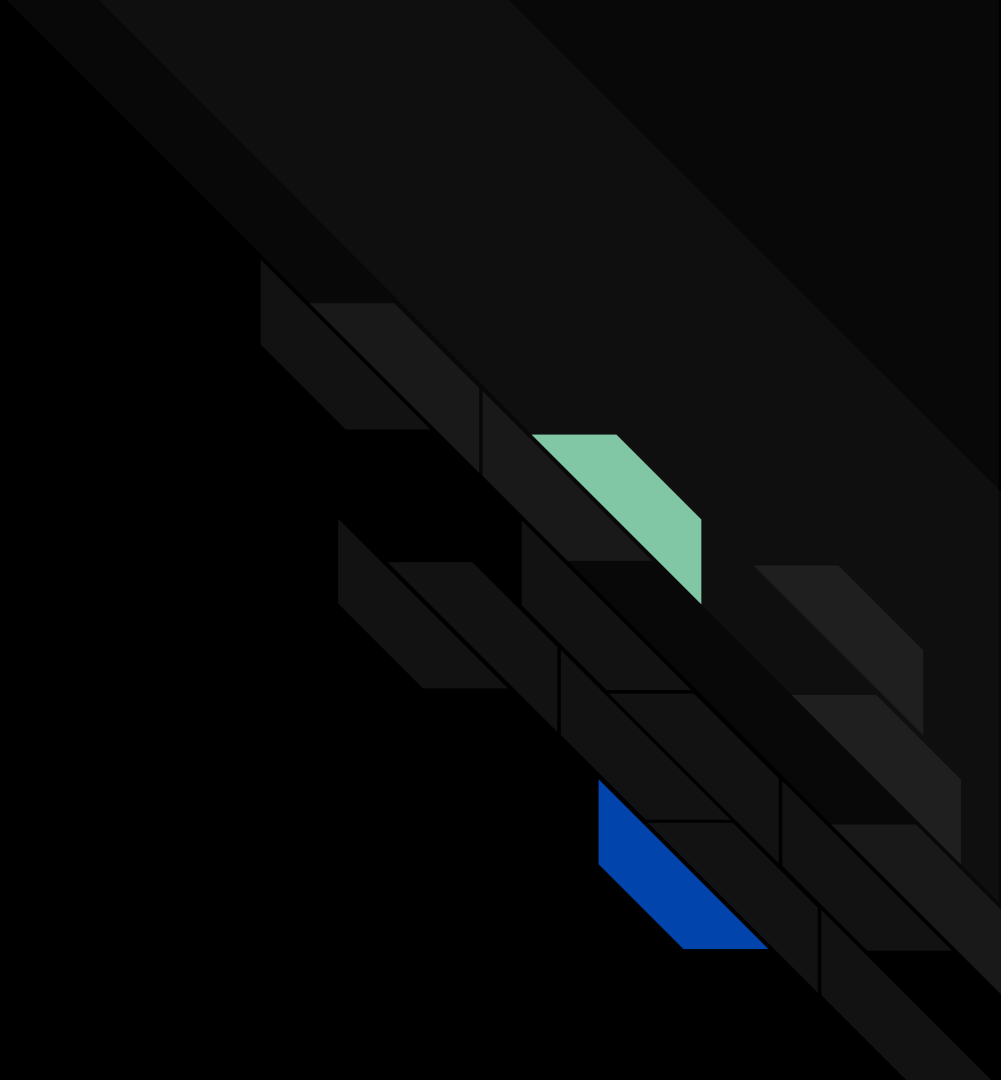
<https://github.com/Sy-Muzammil/EventBuzz>

Team 13 (Syed, Mohammed, Swaraj, Anjali, Arya)





# Overview





Web based application that provides personalised event notification based on user's present preferences in any given city



Users will be able to search for events, and receive personalised notifications through email



**EVENT ORGANIZER**

Event Organisers can add & modify their event listing to the platform.

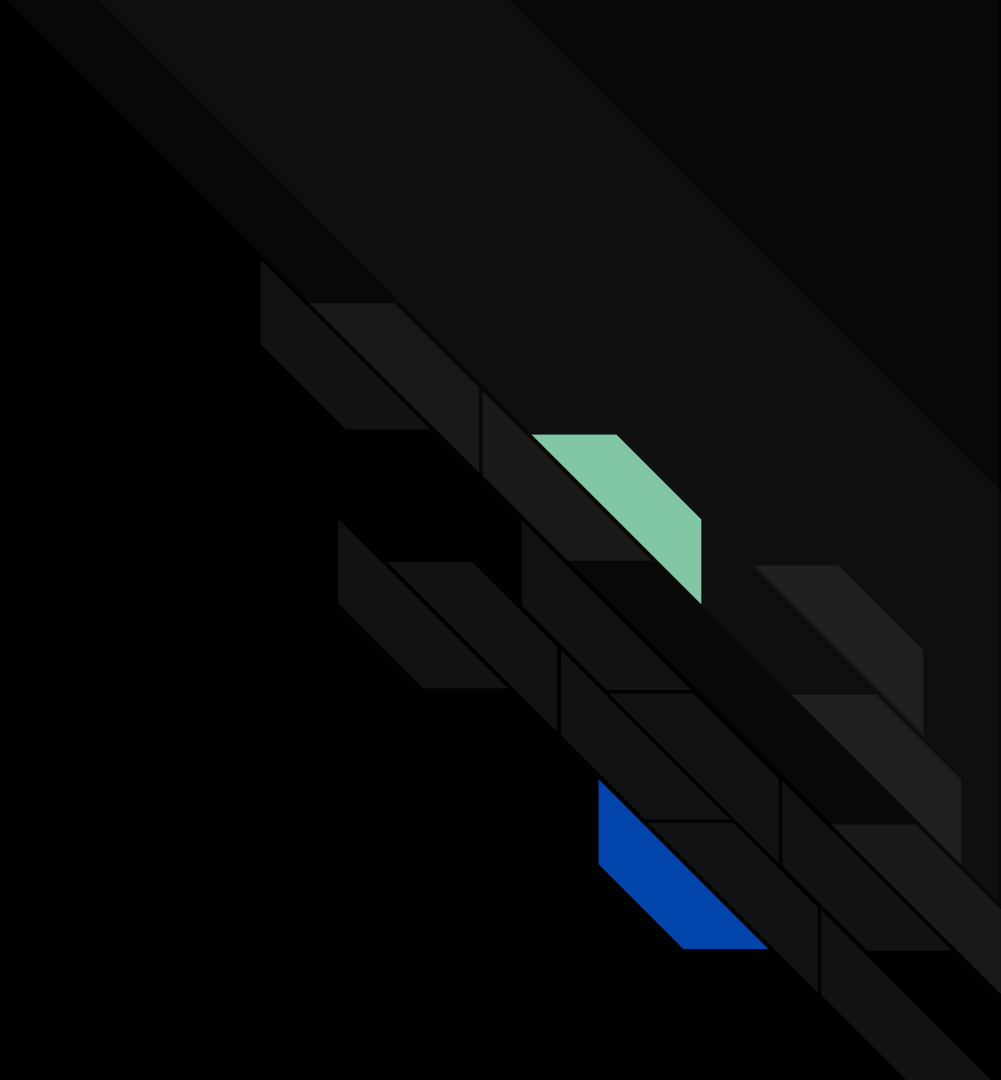


An administrator is a super user that keeps information accurate/manages the authenticity of the data. The administrator can verify event details; approve them and manage user & login information.

## Assumptions

- In our system, notifications imply email notifications.
- Payment Gateway, Ticket purchase will be redirected to actual event website as we provide only service of event notification based on genre preference.

Stakeholders



# Direct Stakeholders



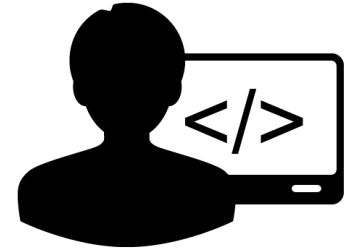
16+ Citizens  
Students  
Couples  
Tourists  
Working Professionals



Independent Artists  
Event Organizers  
Event Management  
Firms  
PR Agencies



NGOs  
Government (Awareness)  
Educational Institutions



Maintenance Engg.  
System Admin

# Indirect Stakeholders



Event Sponsors  
Artist Management Firms



Venue Partners (to  
host the event)



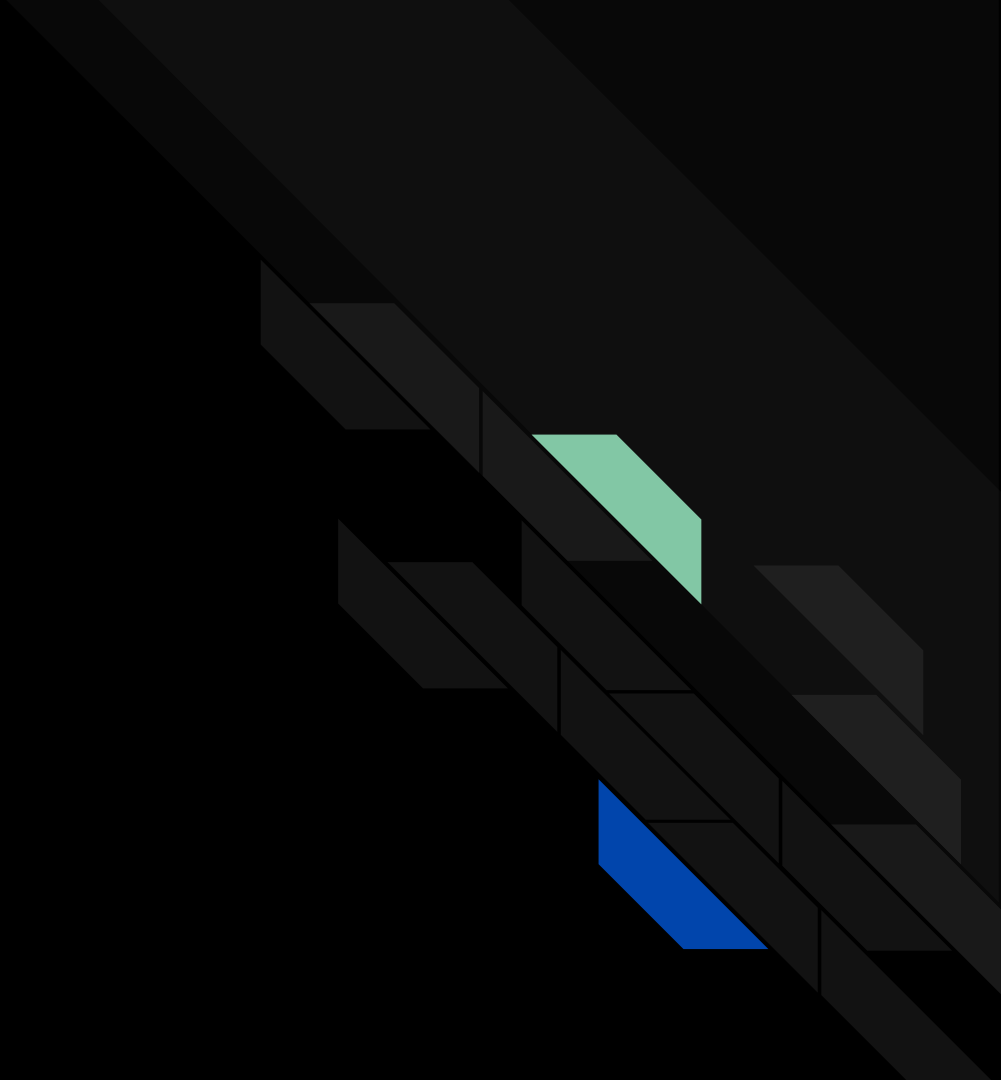
Cab partners (to reach  
the venue)



Administrative  
Bodies



Framework





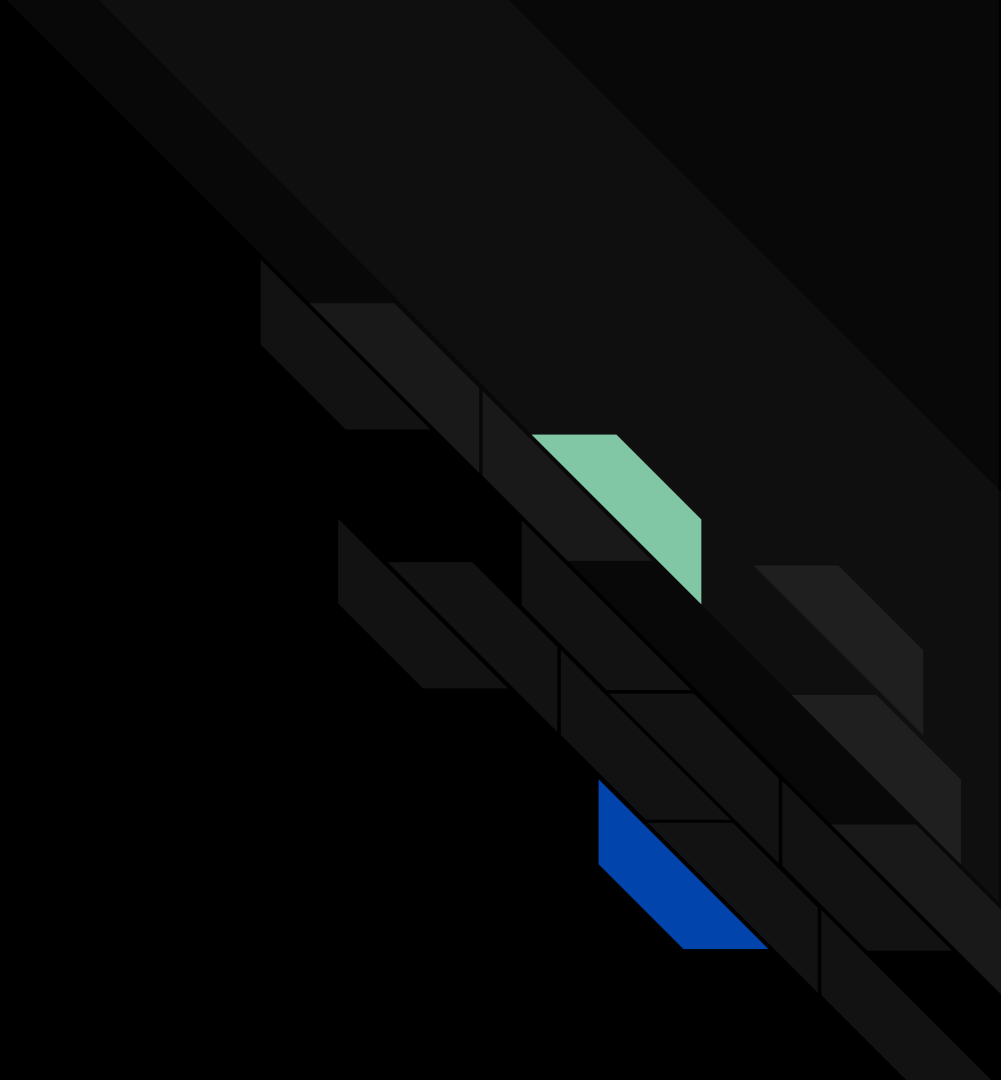
Apache Tomcat



Google APIs

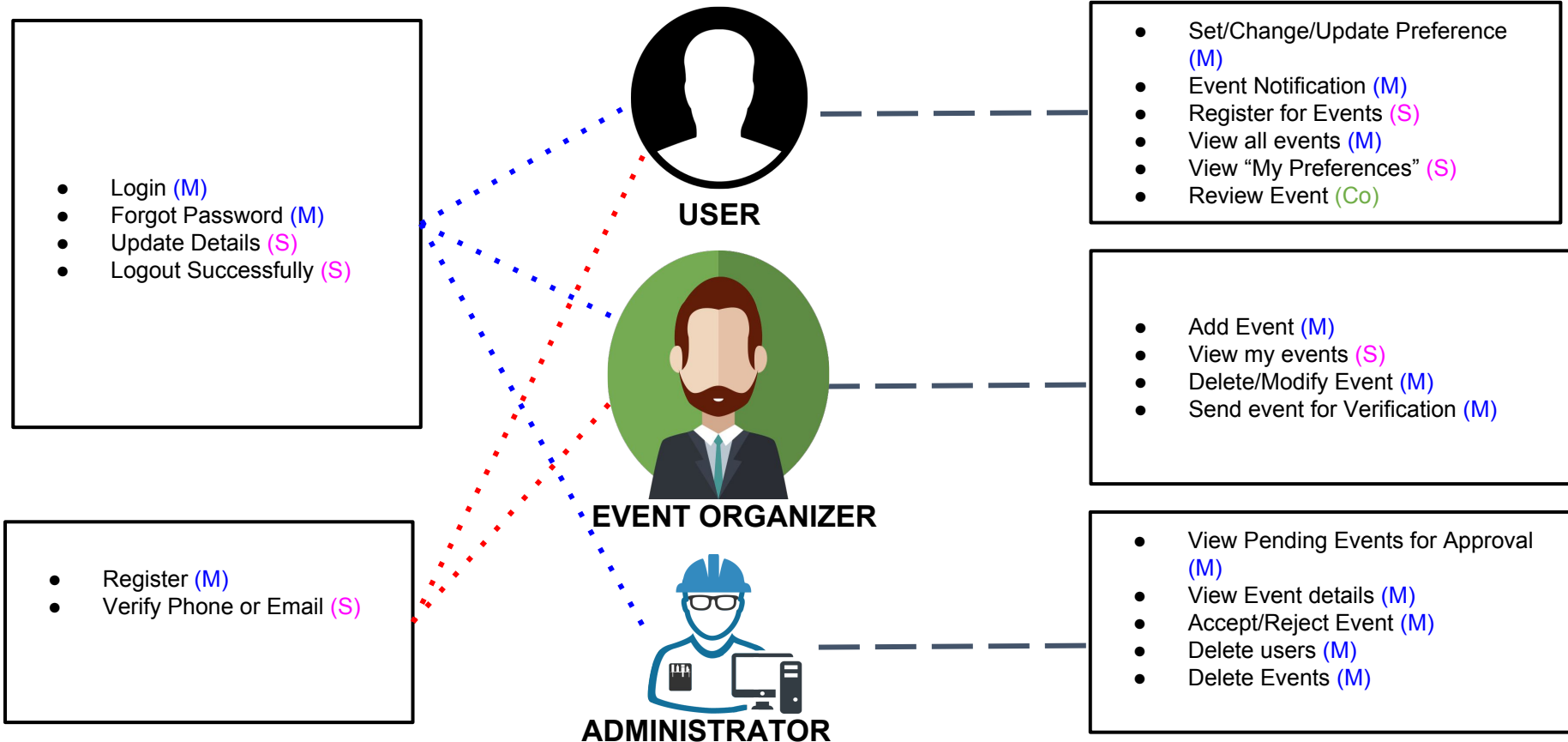


# Functional Requirements

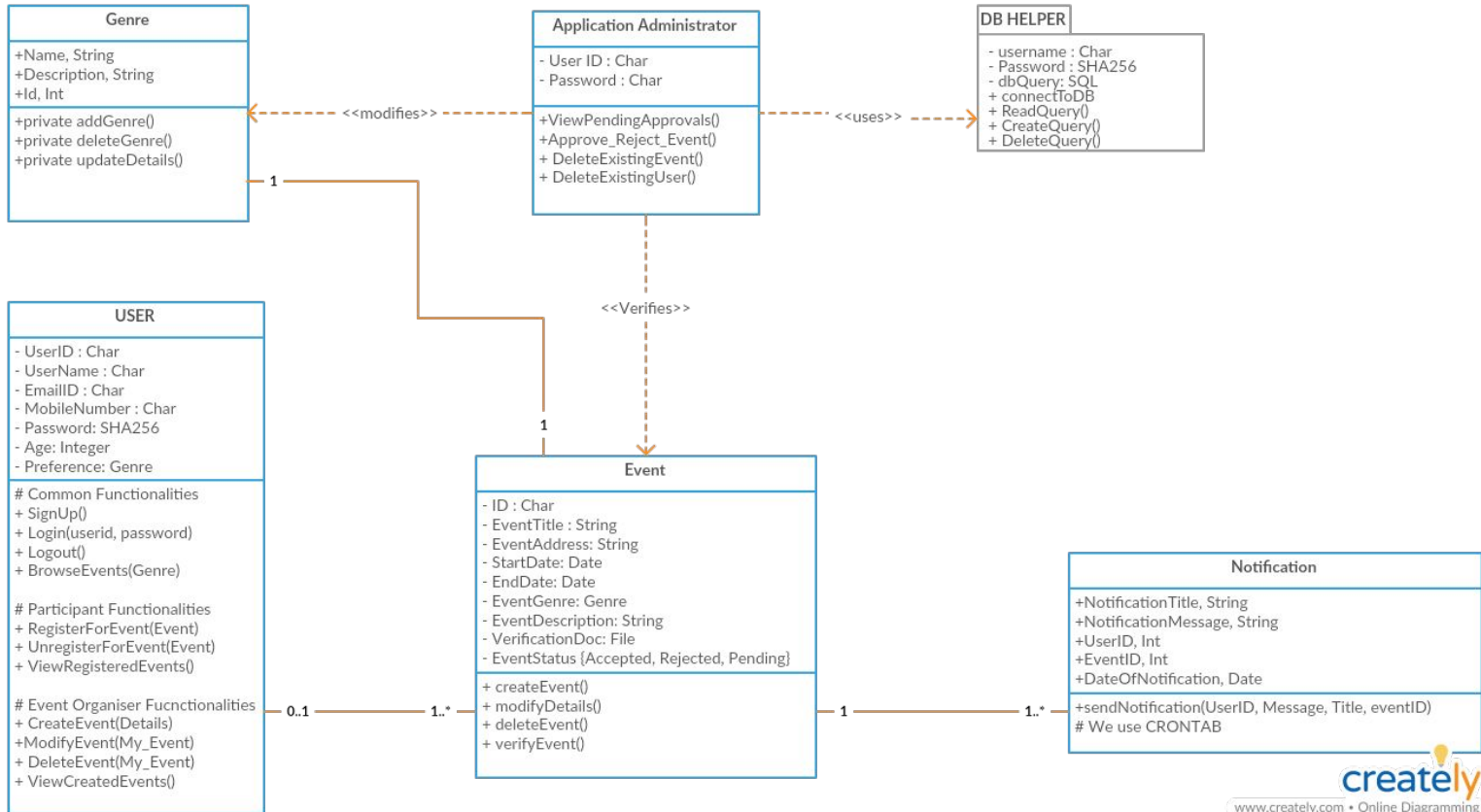


# Use Cases

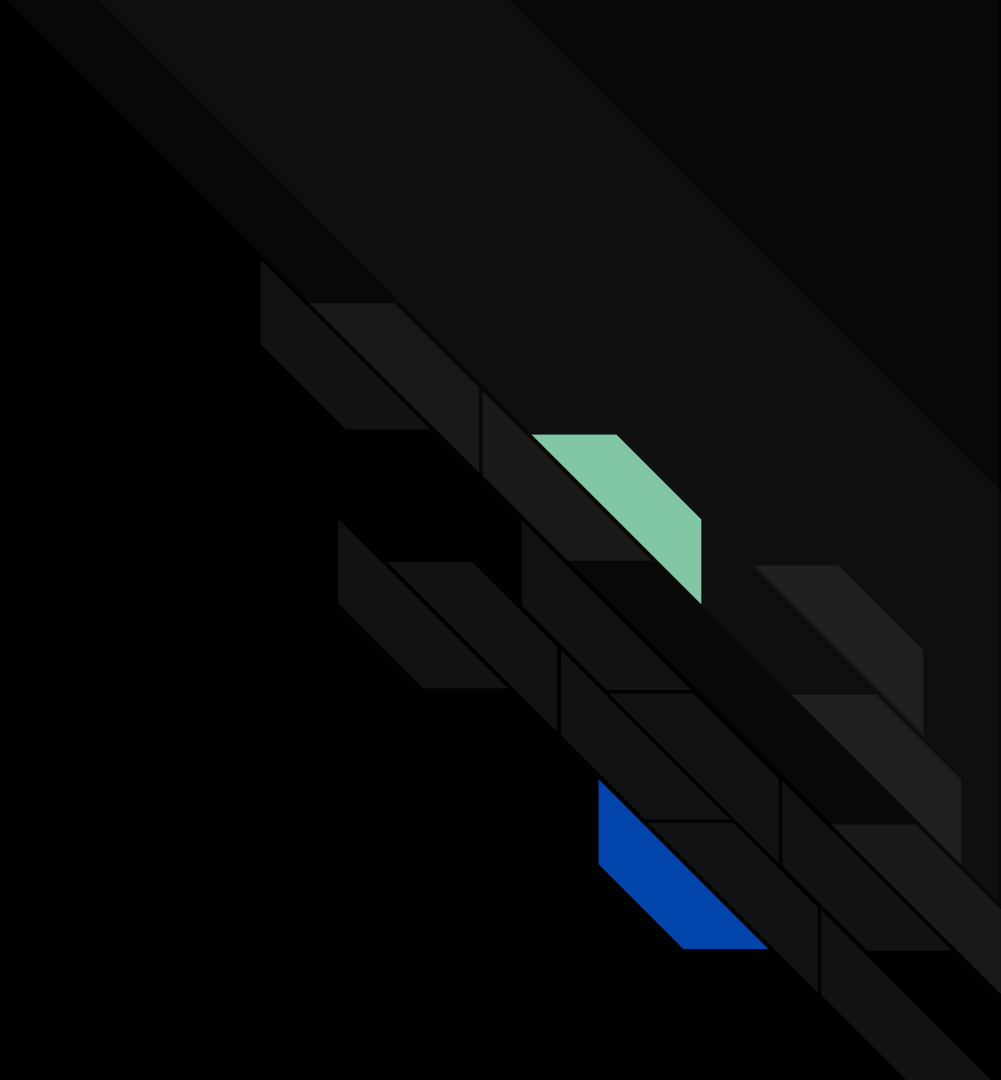
M- Must Have  
S - Should have  
Co - Could have  
W - Would have



# Class Diagram



# Data Flow

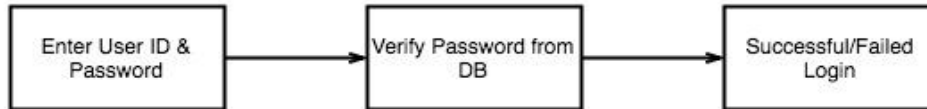


# Participant Data Flow

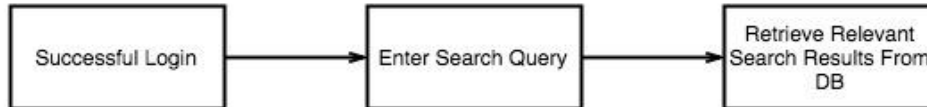
## Register User



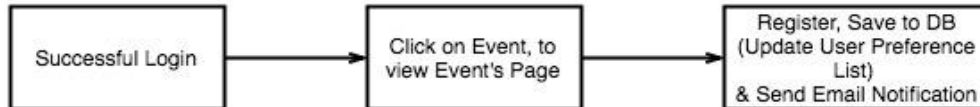
## User Login



## Browse Events



## Register For Events



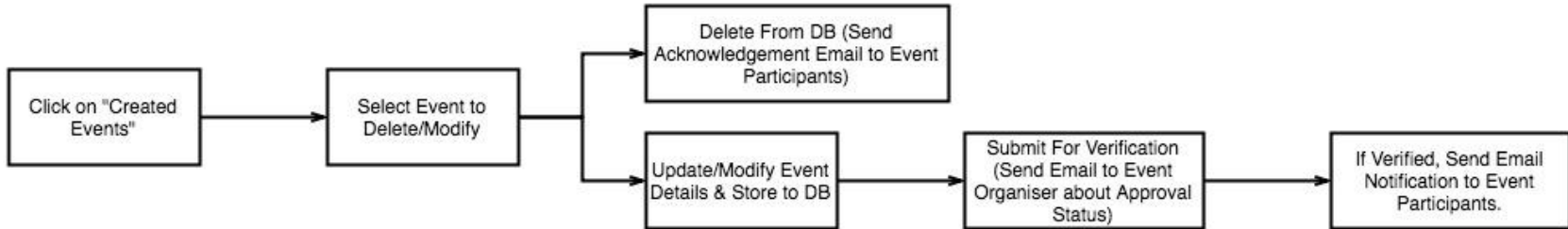
# Event Organiser Data Flow

## User Registration & Login is Similar to Event Participants Flow

### Add Event



### Modify/Delete Event

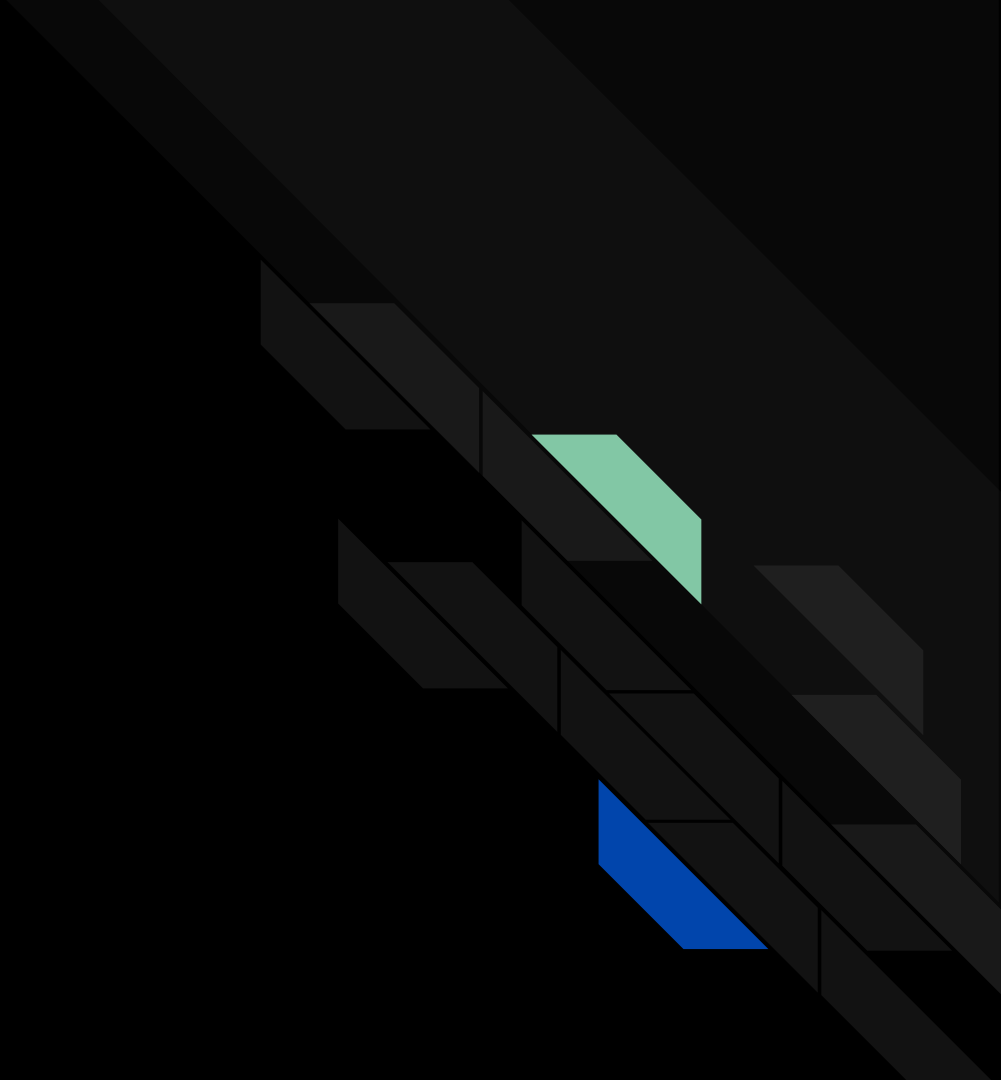


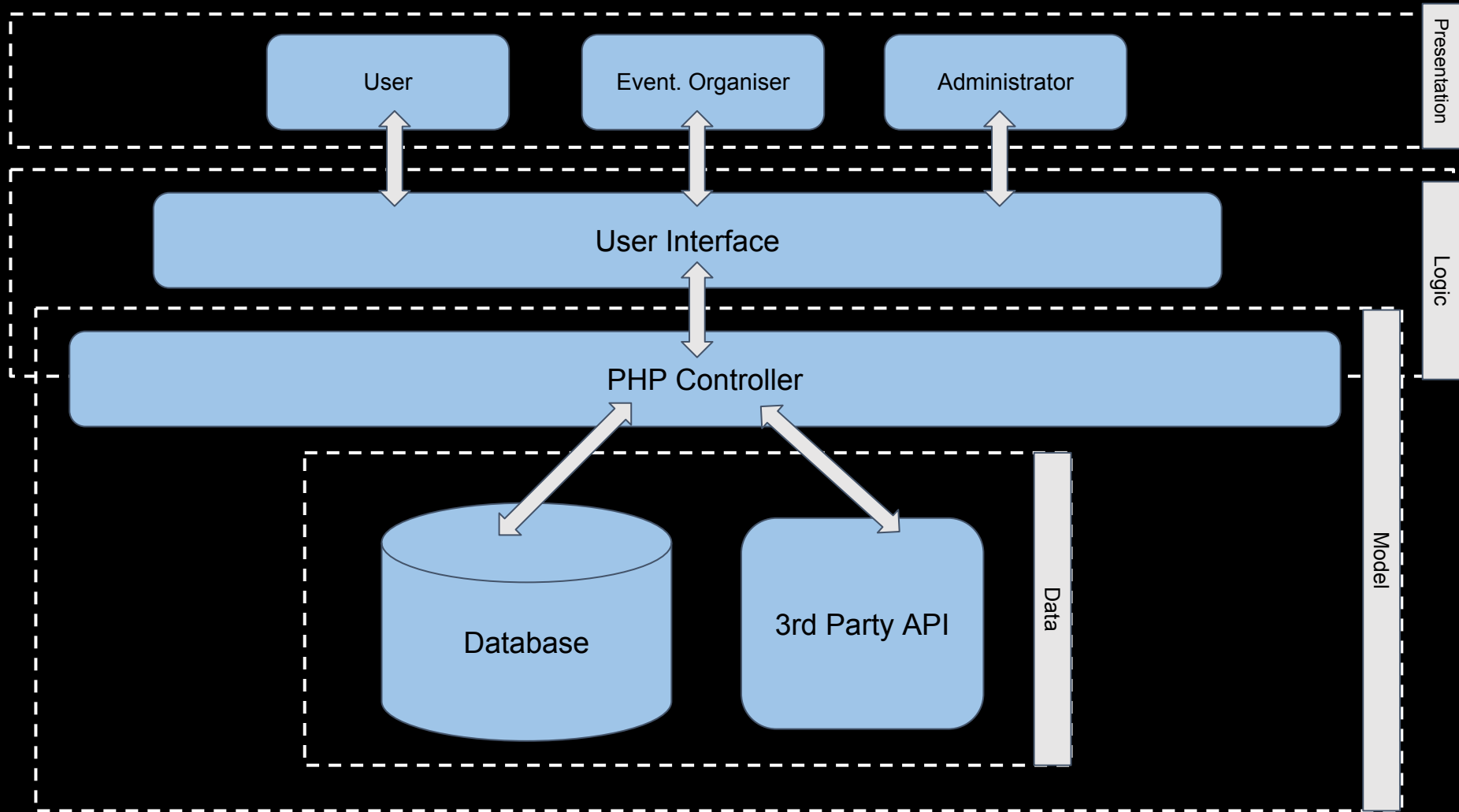
### View My Organised Events



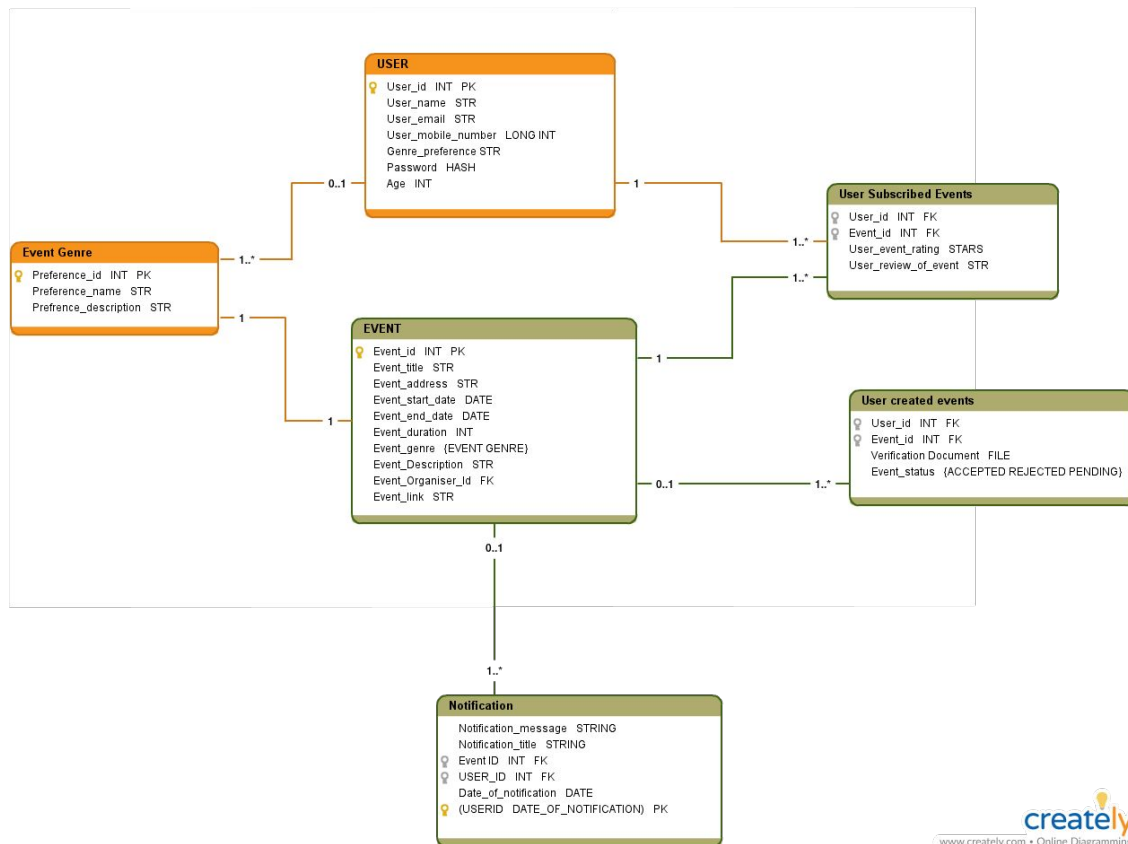


# Architecture & DB Schema

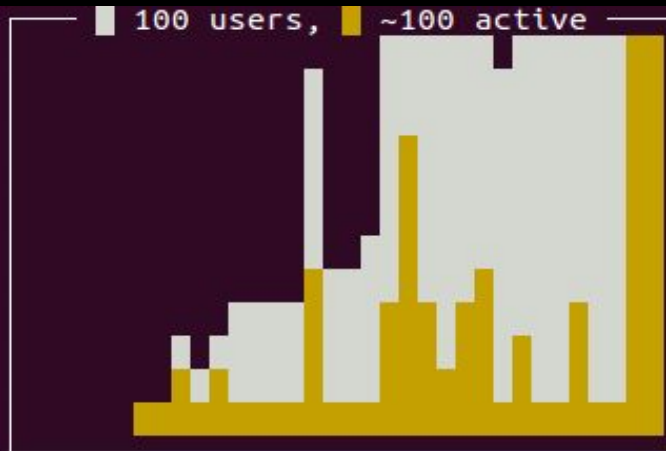




# Database Schema



# Non functional Requirements



Latest Interval Stats at 23:42:03

## Average Times:

Full: 138.333  
Connect: 0.000  
Latency: 0.029  
~Receive: 138.304

## Percentiles:

0.0%: 129.152  
50.0%: 130.431  
90.0%: 161.663  
95.0%: 162.559  
99.0%: 162.815  
99.9%: 162.815  
100.0%: 162.815

## Response Codes:

200: 100.00% (27)  
All: 100.00% (27)

■ 138.333 avg time (■ lat, ■ conn)



Cumulative Stats 00:03:24

## Average Times:

Full: 74.478  
Connect: 0.000  
Latency: 0.292  
~Receive: 74.186

## Percentiles:

0.0%: 2.037  
50.0%: 67.583  
90.0%: 160.895  
95.0%: 161.663  
99.0%: 162.559  
99.9%: 162.815  
100.0%: 162.815

## Response Codes:

200: 100.00% (57)  
All: 100.00% (57)

# Non functional Requirements

- Availability
  - Minimum of uptime of 99.99 %
- Testing conditions:
  - CPU - 8 GB RAM, Intel i7 processor

**Demo**