



**Integrants:**

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**Subject:** OOP

**PROBLEM**

The company “Feel The Tickets” is in charge of organizing any type of massive artistic events, it becomes challenging to keep a good planification of all the resources necessary when a new event is scheduled. The administrative department needs to take in mind an approximate budget based on the specifications of the event that is going to take place.

Even though the company has its own system for the purchase of tickets, it is necessary to have a way to keep track of every event in order to distribute the money and other resources correctly.

**OVERVIEW**

For an administrative event system, it is necessary to make clear that both, the end user and the client, is going to be an administrative manager, who’s going to create a new event that will detail all the information required to carry it out. The software will facilitate the creation and

management of schedules, agendas, resource allocation and staff activities to ensure an efficient coordination for the event.

The system will generate a summary about the development of the event once this has ended, with this information the administrative department could analyze this data to improve the quality of the company's service for future events.

## **BACKGROUND**

For event management software to be efficient, it must have comprehensive features that cover everything from planning to post-event evaluation. Its essential features include an intuitive interface for easy setup and use, tools for registration and attendee management, customization capabilities to adapt to different types of events, effective communication options, task automation, integration with payment platforms, and Robust analytics capabilities to evaluate performance and collect valuable data. Efficiency is also driven by the ability to provide a seamless experience for both organizers and attendees, thus contributing to the overall success of the event.

Event management software is used to simplify and optimize all phases of the event planning, execution and evaluation process. From creating and customizing events, managing registrations and participants, to coordinating agendas and facilitating real-time interaction during the event, this type of software automates tasks, improves operational efficiency and provides analytical tools to evaluate the performance. Additionally, it contributes to a more seamless experience for

both organizers and attendees, improving the overall quality of the event and allowing for more effective management of resources and information.

According with some information provided by the company, the estimate use of resources during an event is detailed in the following table:

	Staff	Equipment	Budget (approximate)	Capacity of the place
Karol G	18 people	12 cell phones 8 cameras 6 portable batteries 2 printers	15 000	12 000
Ricardo Arjona (UIO)	40 people	16 cell phones 14 cameras 10 portable batteries 4 printers	25 000	40 000
Ricardo Arjona (GYE)	25 people	14 cell phones 6 cameras 8 portable batteries 2 printers	15 000	35 000



Daddy Yankee	40 people	16 cell phones 14 cameras 10 portable batteries 4 printers	25 000	40 000
Bad Bunny	30 people	16 cell phones 14 cameras 12 portable batteries 4 printers	20 000	40 000
Camilo (GYE)	25 people	12 cell phones 8 cameras 6 portable batteries 2 printers	15 000	12 000
Black Coffe	14 people	6 cell phones 6 cameras 2 portable batteries 2 printers	1 500	2 000
Stella Bossi	8 people	6 cell phones 6 cameras 2 portable batteries 2 printers	1 000	2 000



The approximate budget is made based on what was used for the ticket office and those who read the tickets (readers), such as transportation, food and extras that were used for the event.