**Music Events Application**

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**General Description:**

This application is a mean of communication between event managers, bands and participants. It offers the possibility for event managers to better advertise their events and an easier and more organized way for bands and participants to see the upcoming events.

**Registration(for all Events Managers, Bands and Participants)**

The user needs to first register into the application by selecting one of the three roles. All require an unique username and a password. Basic information for the event manager: company name, headquarters location, phone number, email; for the band: band name, genres, phone number, email; for the participant: full name, email, phone number, preferred genres.

**Event Manager:**

An event manager can login on the platform, he can see his events.  An event has a name, code, date, price, location, limit for the number of participants, type of event, description.

He can add, edit or delete events.

After an event is created, he can send offers to the desired bands. The offer provides information about the date and location of the event.

When a participant buys a ticket to an event, the events manager’s sold is automatically updated.

**Band:**

A band can login on the platform and see all the events they participate to.

A band can login on the platform and can accept/refuse new event invitations. An invitation consists of the event description and a payment offer. After the band accepts the invitation it is automatically added to the event.

**Participant:**

A participant can login on the platform and see the events he participates to, there he can see what bands participate, the date and location.

A participant can see the new events and buy tickets. After a ticket is bought, the event appears on the list with events he participates to.

Also a participant has a sold, he can add or retrieve money.

**Scenario:**

When opening the app the Log in form appears, he can choose to log in or register a new account. If he chooses to create a new account then a new window is open where he chooses the account type and enters his personal information After creating the account the app returns to the Log in form and the user has to log in with the username and password.

Event Manager:

* on his homepage he can see all the events created in a table and the sold.
* there is the option to add and event
  + when he adds an event a new window opens and he has to tell the event details (like date, location, bands, etc.)
* after an event is created it appears on the table and the Event Manager can view, edit or delete it.
  + In the edit tab he can change the event details (change the date, location or to add bands)
  + In the info tab he can view all the details of the event in a new window (like no of participants, bands, logo, etc)

Band:

* on the homepage appears a table with the events they participate to
* there is a button that opens a new window with the offers from managers
  + when opening the offer, the band can accept or reject it. When accepting the offer, it appers on the hompage. When rejecting the offer, it dissapears from the page

Participant:

* on the homepage appears a table with the events he participates to and the sold
* there is the option to see new events
  + for each new event there is a ’buy ticket’ button. If buying a ticket, his sold and the Event Manager sold are updated
* when viewing the sold, the participant cand add or retrieve money