

Evento

**Version 1.0**

Developer:

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Introduction:

Events are an integral part of your society. Events are a place to socialize, gain and share knowledge. Every event needs to be organized and every event organizer will require their participants to collect a ticket for authenticity. This will eventually result in participants standing in long queues hours after hours for their tickets. Naturally many participants will either quit or look for other means of collecting tickets which will be through the black market, resulting in a loss of the event organizer as well as the participants who have to paid more for their blacked tickets. A system is therefore needed which will allow the participants to collect their tickets easily without any hassle and will allow the organizers to collect their money that they deserve.

**Evento** is a system that provides an online solution that addresses this exact problem. This system allows organizers to create and organize their events and participants to join and buy tickets for a particular event.

Scope:

The scope of this project will be limited to those people who are looking for an online system to organize an event and sell tickets. **Event Organizers** will be the main user scope of this app. Event organizers after completing their registration will be allowed to create events and sell their event tickets online in two categories: free or paid. Users who are interested in a particular event can join that event and get their tickets. The tickets will be made downloadable in the event page in a pdf format also a download link will be send to the user’s registered email address, the user can also download the ticket using that link.

Users and their roles:

The following describes the various users of the app and their respective roles:

* Anonymous User:
  1. Views list of recent events
  2. Can register to the app
* Registered User:
  1. Can login to the app using secured email and password
  2. Create new events
  3. Publish newly created events
  4. Remove any published event
  5. Create tickets in two categories: free or paid
  6. Create contact list
  7. Can send event invites
  8. Can view all created events
  9. Can update personal profile
  10. Can join an event
  11. Search for events
  12. Can download tickets
  13. Can give feedback on an event
  14. Can rate an event

Use cases of the system:

The following describes the use case of the system:

**Note, the following features have been prioritized:**

**1st** - Features for the first release, version 1.0

**2nd** - Features for the second release, version 2.0

* Registration ( **1st** ):

Users will be provided with a form with two fields: email and password. By correctly filling out the form the user will be registered to the app and will be assigned a unique id. - **done**

* Login ( **1st** ):

Users will be provided with a form with two fields: email and password. By filling the form with registered email and password the user can have access to all the features of the app. - **done**

* Recent Events ( **1st** ):

Users will be able to view a list of events that are recently added to the system. Recent 10 events will be shown. For each event this list will show: the event cover image, title, organizer, date, time, place and a button titled **Join Event**. Join Event will only be visible to registered users. The home page will show the recent events.

* Creating Events ( **1st** ):

Authorized users can create events using an interface which will contain the following attributes: event title, venue name, address, date, time, event poster, event description, organizer name, organizer description. - **done**

* Publishing Events ( **1st** ):

Once the event is created, the user can publish that event by clicking a single button named **Publish Event.** - **done**

* Creating Tickets ( **1st** ):

After creating an event the user has to create tickets for that particular event. The user will get an interface for this purpose with the following attributes: No of Tickets, Ticket Category - free/paid, Ticket expiry date. - **done**

* Joining an Event ( **1st** ):

Authorized users can join an event of their with the click of a single button **Join Event,** which can be found in the Event page as well as the event list. - **done**

* Downloading Tickets: ( **1st** )

After a user has joined an event, he will be issued a ticket. If the ticket is under a paid category the ticket will be issued after his payments are made. Tickets can be downloaded from the events page. Also, a download link will also be send to the user emails. - **done**

* My Events ( **1st** ):

This feature will allow the users to view all their created events in a listed structure. For each event this list will show: the event cover image, title, organizer, date, time, place.

* Search Events ( **1st** ):

A user can search an event according to the combination of one or more of the following criteria: Event Title, Date, Time, Location and Organizer.

* Removing Events ( **2nd** ):

At any point in time, the user can choose to un-publish a already published event by clicking a button named **UnPublish Event.**

* Personal Profile ( **2nd** ):

The user can update their personal information using this feature. The interface with the following attributes will be provided: Full Name, Email, Password, Address, Portrait, About Me.

* Creating Contact List ( **2nd** ):

Authorized users can create list of contacts. For this purpose the user will get an interface where he will write the email address of the user he wants to add in his contact list. These users will already be registered in the app.

* Sending Event Invites ( **2nd** ):

A user can send event invite to users who are in his contact list. An interface will be provided with the following attributes: User List (Multi-Select), Submit button named **Invite.** When the submit button is clicked all the selected users will be send an invitation for that event to their registered email address.

* Event Feedback ( **2nd** ):

Authorized users can submit feedbacks for a particular event that they participated. Feedback feature will only be available to the participants also will be available after the event ends.

* Event Rating ( **2nd** ):

Authorized users can rate the event. Rating scale will be out of 5. The rating feature will only be available to the participants also will be available after the event ends.

Tech Spec:

* JSF 2.0
* PrimeFaces 3.5
* Weld 1.0
* EJB 3.1
* JPA 2.0
* Glassfish 3.x
* Maven 3.x
* Intellij Idea 12.x
* MySql Database
* Test Coverage about 70%