

Requirements

VIPASSANĀ - INSIGHT AWARENESS

GROUP 2

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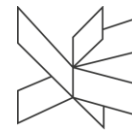


Supervisors:

Michael Viuff

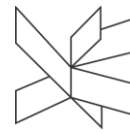
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Functional Requirements

1. The system should store events, members, participants of every event and their details.
2. Participants details should include their name, address, phone, email, member/non-member.
3. Events are defined by a title, date, start time, duration, lecturers, subjects, sponsor name, number of available tickets, price, finalized or not, total number of tickets, discount, type of event.
4. Workshops are defined by a title, start date, start time, duration, food included (breakfast, lunch, dinner? –vegan or not), number of available tickets, price, finalized or not, total number of tickets, discount.
5. Trips are defined by a title, start date, start time, duration, locations, available tickets, price, finalized or not, total number of tickets, discount, who is it organized by, external trip organizers(if they are).
6. Members are defined by name, email, address, phone, payment year, date of registration, newsletter subscription, attended events, preferences.
7. Sponsors are defined by type of sponsorship and how much they give money or pay for advertisements.
8. Lecturers are defined by name, email, phone, sponsored or not, subject.
9. The system should check for feedback from participants.
10. The system should be able to search for lecturers in a given category in order to create new events.
11. The system should be able to find events or lecturer of specified category in order to create new events.
12. The system should be able to modify every aspect of non-finalized events.
13. The system should be able to search members by name, payment year, date of registration, attended events.
14. The system should be able to manage the information of each member.
15. The system should be able to store lecturers' information.
16. The system should be able to create a new event.
17. The system should be able to add information from sponsors.
18. The system should add new members.
19. The system should be able to search for events based on non-finalized events, type of event, discount, name, availability of tickets.
20. The system should be able to remove participants.



Non-Functional Requirements

1. The system must be implemented in JAVA.
2. The system must be compatible with Microsoft Windows 7,8,10.
3. The system must answer in 2 seconds 95% of the time.
4. The system must process the info in maximum 3 seconds 85% of time.
5. The system must operate from 5 AM until 1AM the next day.
6. The system must restore in 10 seconds 90% of the time.
7. The system must backup in 3 seconds 95% of the time.
8. The system must use files for secondary storage only.
9. The system must be usability tested by end users.
10. The system must support Microsoft Internet Explorer 9, 10 and 11, Google Chrome 28-47, Mozilla Firefox 32 and Microsoft Edge 20.
11. The system must have a maintainability index of 95%.
12. The system must retain the data of the current process for at least 5 minutes.
13. The system must have a extensibility index of 85%.