## Requirements First Semester

VIPASSANĀ - INSIGHT AWARENESS

# *GROUP 2*

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Functional Requirements

1. The system must be able to store a name and an email address for participants.
2. The system must be able to store a title, day of start, time of start, length, lecturers, subjects, sponsor name, price, state of finalization, total number of tickets, discount, type of event for events.
3. The system must be able to store a title, day of start, time of start, length, vegan or not, price, state of finalization, total number of tickets, discount for workshops.
4. The system must be able to store a title, day of start, time of start, length, locations, price, state of finalization, total number of tickets, discount, external trip organizers for trips.
5. The system must be able to store a name, email address, real life address, phone, date of registration, newsletter subscription, year of payment, preferences for members.
6. The system must be able to store the name, email and if they pay for advertisements as a sponsor.
7. The system must be able to store a name, email address, phone, state of sponsorisation and a subject for a lecturer.
8. The system must be able to find a lecturer specialized in a subject to create new events.
9. The system must be able to manage the information of each member, lecturer and sponsor.
10. The system must be able to search for events based on state of finalization, type of event, discount, name, if tickets are available.
11. The system must be able to remove participants, add them or change them into members.

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 restore in 10 seconds 90% of the time.
6. The system must use files for secondary storage only.
7. The system must be usability tested by end users.
8. The system must support Microsoft Internet Explorer 9, 10 and 11, Google Chrome 28-47, Mozilla Firefox 32 and Microsoft Edge 20.
9. The system must retain the data of the current process for at least 5 minutes.