**REQUIREMENTS**

Vipassanā – Insight Awareness (VIA) - System

**Students**

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1. **Functional requirements**
2. The user should be able to create a new event
3. The events can be of four different types (lectures, seminars, workshops and trips)
4. Lectures are defined by a title, start date, start time, duration, lecturer, 1 subject, sponsor name, sponsored or not, number of available tickets, price, finalized or not, total number of tickets, discount
5. Seminars are defined by a title, start date, start time, duration, lecturers, subjects, sponsor name, number of available tickets, price, finalized or not, total number of tickets, discount
6. Workshops are defined by a title, start date, start time, duration, lecturers, food included (breakfast, lunch, dinner? – vegan or not), number of available tickets, price, finalized or not, total number of tickets, discount
7. Trips are defined by a title, start date, start time, duration, locations, available tickets, price, finalized or not, total number of tickets, discount
8. The user should be able to search events by: finalized or not, time period, subject, price, available tickets, lecturers, sponsors
9. The user should be able to modify every aspect of non-finalized events
10. The user should be able to store members’ information
11. Members are defined by name, email, address, phone, payment year, date of registration, newsletter subscription, attended events
12. The user should be able to search members by name, payment year, date of registration, attended events
13. The user should be able to update the information of each member
14. The user should be able to store lecturers’ information
15. Lecturers are defined by name, email, phone, sponsor or not, subject
16. The user should be able to search lecturers by name, subject
17. The user should be able to update the information of each lecturer
18. **Non-Functional requirements**
19. The system has to be implemented in Java
20. The system has to be compatible with Microsoft Windows 7,8,10
21. The system must be usability tested by end users
22. The system must answer in 2 seconds 95% of the time
23. The system needs to be able to run indefinitely
24. The program must be able to make a backup in 3 seconds 95% of the time