

# REQUIREMENTS

## Vipassanā – Insight Awareness (VIA) - System

### **Students**

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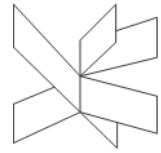
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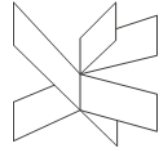
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Michael Viuff



## I. Functional requirements

1. The user should be able to create a new event
2. The events can be of four different types (lectures, seminars, workshops and trips)
3. 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
4. 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
5. 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
6. Trips are defined by a title, start date, start time, duration, locations, available tickets, price, finalized or not, total number of tickets, discount
7. The user should be able to search events by: finalized or not, time period, subject, price, available tickets, lecturers, sponsors
8. The user should be able to modify every aspect of non-finalized events
9. The user should be able to store members' information
10. Members are defined by name, email, address, phone, payment year, date of registration, newsletter subscription, attended events
11. The user should be able to search members by name, payment year, date of registration, attended events
12. The user should be able to update the information of each member
13. The user should be able to store lecturers' information
14. Lecturers are defined by name, email, phone, sponsor or not, subject
15. The user should be able to search lecturers by name, subject
16. The user should be able to update the information of each lecturer



## II. Non-Functional requirements

1. The system has to be implemented in Java
2. The system has to be compatible with Microsoft Windows 7,8,10
3. The system must be usability tested by end users
4. The system must answer in 2 seconds 95% of the time
5. The system needs to be able to run indefinitely
6. The program must be able to make a backup in 3 seconds 95% of the time