## Requirements First Semester

VIPASSANĀ - INSIGHT AWARENESS

# *GROUP 2*

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# Background description

Vipassanā - Insight Awareness is a non–profit center originally providing spirituals events which are based on Buddhism traditional. Focusing on meditation, specially finding the - Insight Awareness, but also providing lots of events. Customers can find all sort of events like interpretations, healing, astrology, reincarnation, Karma, alternative health care and much more  [(Interview for Case SEP1, 2017)](#_8._Resources)

In the present there are over 360 million followers of Buddhism worldwide and over a million American Buddhists today. Buddhist concepts have also been influential on western culture in general, particularly in the areas of meditation and nonviolence [(religionfacts.com, 2017)](#_8._Resources)There is a big community that needs to have at its disposal the tools to practice their religion in centers like Vipassanā - Insight Awareness. Buddhism is also the fastest growing religion in Western societies both in terms of new converts [(Perera, 2008)](#_8._Resources). This is why the non-profit organization looks forward to expand their services to as many people as they can.

The center already works on sending out newsletters and articles to its members and balancing their expenses, but they also want to further improve their management to better serve the people that are interested in their services.

Even though they managed up until now, Vipassanā - Insight Awareness needs a system to advance their communication with their customer base so that they can better deliver what they offer. The management of the organization by being improved will become more attractive to the followers of Buddhism because it will offer a more efficient way of being informed.

# Definition of purpose

To minimize the chances of misunderstandings regarding information involving the events provided by Vipassanā and improve efficiency in the matter of communication with the customer base.

# Problem statement

1. The system implemented in java that handles events, stores and searches for finalized events in a time period for your newsletter, finds non-finalized events to finalize them, searches for sponsors for newsletters, searches for lecturers in a given category in order to create new events, finds events or lecturers specifying a category for potential new events and stores members including their email addresses.

2.The system is maintainable which means it will be designed so that it is easy to modify in the future.

3.The system is persistent which means that it uses secondary files for storage. It will be built so in the future it will be replaced by a database.

# Delimitation

* The system made in JAVA will not be used by Vipassanā’s website
* The website will not be using a database
* The system will not be using the internet to search for the information it needs
* The system will not be in its final state, being open to modifications

# Choice of Models and Methods

The project will be built upon a managing software development strategy called scrum. Scrum is a framework, which was invented to simplify and divide work in a software development process for group members, as well as to ensure of having created a maintainable and at least partly shippable project at the end of the deadline. The original scrum model divides work to two or three week periods called “sprints”, in which every day starts with a short team meet-up where its members summarize recently done work and set the goals for the given day. Each sprint contains of every part of software development process: analysing, planning, design, implementation and testing. We decided that these features perfectly match our project nature, as we are continuously learning about the tools and environments we will be using, as well as we are unable to plan the whole system beforehand. The fact that the plan and implementation of the system will be continuously updated will provide better understanding, clarity and maintainability, which are all crucial in this project.

# Time Schedule

|  |  |  |
| --- | --- | --- |
| **Tasks (137.5 HOURS)** | **Start Date** | **End date** |
|  |  |  |
| **Analyse (35 HOURS)** |  |  |
| Analysing current tasks and the background | 14.09.17 | 14.09.17 |
| Get in touch with the project requirements | 14.09.17 | 14.09.17 |
|  |  |  |
| **Design (40 HOURS)** |  |  |
| Making a mock-up for the site and a prototype | 15.09.2017 | 15.09.2017 |
| Getting images and art for the site | 16.09.2017 | 16.09.2017 |
|  |  |  |
| **Implementation (50 HOURS)** |  |  |
| Doing a final version of the Website | 17.09.2017 | 17.09.17 |
| Resolving the bugs and the error | 18.09.17 | 18.09.17 |
| Offering a good look to the site | 19.09.17 | 19.09.17 |
| Developing of the Site’s System | 5.11.17 | 5.11.17 |
|  |  |  |
| **Test (10 HOURS)** |  |  |
| Are all pages and features working? | 20.09.17 | 21.09.17 |
| What can be improved? | 20.09.17 | 06.09.17 |
| Testing the Site System | 20.11.17 | 20.11.17 |
|  |  |  |
| **Hand-ins (2.5 HOURS)** |  |  |
| Hand-in project description, research questions, questions for company visit | 18.12.17 | 18.12.17 |
| Hand-in final project description for approval | 19.12.17 | 19.12.17 |
| Hand-in project report | 20.12.17 | 20.12.17 |
|  |  |  |

# Risk Assessment

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Risks** | **Description** | **Likelihood**  **Scale 1-5** | **Severity**  **Scale 1-5** | **Risk mitigation e.g. preventive & responsive actions** | **Identifiers** | **Responsible** |
| 1 | One or more members are late or they don’t show up  at all | 1 | 2-3 | Make sure everyone knows when and where are the meetings |  |  |
| 2 | Computer error | 2-3 | 4-5 | Backups should be taken on multiple devices and drives, all files must be saved on the cloud and updated as soon as files are modified |  |  |
| 3 | A member of the study group dropping out | 1 | 3-4 | Helping each other with problem in and out of classroom, making sure that no one stays behind with the current status of the project |  |  |
| 4 | Having a ,,writing breakdown” | 3 | 1-2 | Having a to-do list and respect the order of the items, organized working is the key |  |  |
| 5 | Low team motivation | 1-2 | 2-3 | Make sure that no group member is being forced to do a task if is not fitted in his parameters of time and energy |  |  |
| 6 | Scope is not so well defined | 1 | 4-5 | Analysis of the requirements must be done very carefully |  |  |

# 8. Resources

*Interview for Case SEP1* (2017).

Perera, J., 2008. *asiantribune.com.* [Online]   
Available at: http://www.asiantribune.com/?q=node/10418  
[Accessed 11 2017].

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Available at: http://www.religionfacts.com/buddhism  
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* Pham, A. (2012). *Scrum in action. Agile software project management and development*.
* Boston, MA: Course Technology.