PROJECT DESCRIPTION

VIPASSANĀ - INSIGHT AWARENESS

GROUP 2

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1. Background description

Vipassanā - Insight Awareness is a non –profit centre originally providing spirituals events which are based on Buddhism traditional. Focusing on meditation specially finding the - Insight Awareness, but also providing lots of events which are not included with any religion. Clients can find sort of events like interpretations, healing, astrology, reincarnation, Karma, alternative health care and much more.

Years of hard work building a community plus great costumer service bring VIA to one of the best centres of his kind in Denmark. The main key of his success is a building strong community of people. Giving good foundation for lectures and costumers and try to coming with new type of things

Our project for clients' needs were based and form on the interview with the head of apartments Vipassanā - Insight Awareness when get information's how exactly they working and what they need for us.

They need system and website. From the interview we get know the problems which our clients have and also what he wants to improve According to Just Bob, " *Just Bob: "This is where you come in because today it is not easy to remember who to contact when we plan future events, who we have already contacted about an event, and who we have promised advertisements free of charge. For instance, we have received many wishes for an event about astrology and we do not have a written list of good astrologists. It would be nice to have a system where we can search for a lecturer for a given category*" his is what our clients is struggling right now and topics which we can help him he also mentions wishes of the program.

He also mentions a wish what was not include in the summarize. "*Let me try to summarize. The system should handle events, storing and searching for finalized events in a time period for your newsletter, finding non-finalized events to finalize them, searching for sponsors for newsletters, searching for lecturers in a given category in order to create new events, finding events or lecturers specifying a category for potential new events and store members including their email addresses. Have we forgotten anything?*" Just Bob mention " *Just Bob: "…*It could be nice to be able to list members that haven't paid the membership fee in order to send reminder mails. I don't know if it is possible – it is not the most important part, but if you have time, you could consider how we can send mails to members about a new event based on their previous preferences – category or specific lecturer, I don't know". We will definitely work with this information and make our client happy.

Just Bob also specified requirements for his cousin who will manage and update system. Just Bob said *"I am reading out loud. Number one it says: 'Implement the system in Java' – whatever this means. Number 2: 'Make the system maintainable' – and he continues: 'designed so that it is easy to modify later'. Number 3 is: 'Persistence: Use files for secondary storage only, i.e. with a loose coupling to the java model because the persistence may later be changed to database instead of files'. The last point and I read out loud again: 'Functionality is more important than a good-looking user interface because the UI may be changed later'. I don't know what he means, but maybe you do." That is also really good information because we know what wants from us people who will use our system every day.* Interview with our client give us information which we need to do and how.

2. Problem statement

1. A website that is responsive in desktop and mobile environment. The system should handle events, storing and searching for finalized events in

a time period for the newsletter, finding non-finalized events to finalize them, searching for sponsors for

newsletters, searching for lecturers in a given category in order to create new events, finding events or

lecturers specifying a category for potential new events and store members including their email

addresses in which functionality is more important than a good user interface because it might be modified in the future.

2. . 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.

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

4. 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.

3. Delimitation

In our report, we will focus on building the java system and the responsive website for Vipassana which will include the current production process regarding each part of the system. During the interview we acquired all the information we need to build the product. The project will be done in a team of four people which will be responsible for each part they agreed to work on.

4. Choice of Models and Methods

We decided to build our project 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 our system will be continuously updated will provide its better understanding, clarity and maintainability, which are all crucial in this project.

5. 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

6. 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		

7. Recourses

- Pham, A. (2012). *Scrum in action. Agile software project management and development*.
- Boston, MA: Course Technology.