Internship LHS

Plan of approach

Internship 2023-2024

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1 COMPANY

LHS by Spot Group is a small company involved in IT Services and IT Consulting. LHS's portfolio includes the branches of Development and SEA/SEO.

The Development branch designs, develops, maintains and hosts small SPA websites for local companies, but also larger CMS web applications used by other companies.

LHS originated as a small company started by Alexander and Kristof, then still students. They wanted to build websites that stood out, that gave people confidence. A professional beacon, a target, as it were. Hence the name Light House Solutions, or simply LHS.

After a while there was more demand than supply so reinforcements were needed. The team was further expanded with Gentian and Jordi. New services were also offered such as SEA/SEO.

Since the beginning of 2023, LHS has been taken over by Spot Group, a larger company with more services and capacity. Spot Group gave LHS the opportunity to offer even more services such as hardware repairs, network systems, VoIP telephony and more.

2 OBJECTIVE

The primary end goal of the internship is the development of a complex booking tool that can not only be used internally but can also be resold to current or potential customers.

This booking tool will have an extensive range of functionalities, it will not only be a booking tool in which bookings can be made but also a management system for the company. This management system will streamline and optimize various aspects and processes.

The report to be submitted at the end of the internship will contain a detailed and thorough analysis of the technologies used, methodologies and results achieved as well as shortcomings during the development process of the tool.

3   BUSINESSCASE

As mentioned earlier in the objective, the end goal is a booking tool that can be resold to existing or potential customers.

It is also an application that will be integrated into existing web shops developed by LHS and put into use by subsidiaries within Spot Group.

At the end of the internship, LHS will have a production-ready web application that will simplify, streamline and optimize processes.

4   PHASING

The internship will be divided into a number of phases, the first phase is a starting project that allows LHS to see who is good at what, this will take the first three to four weeks. After this, groups are formed between the interns to work on a group project.

As soon as this happens, phase 2 will start, this is the start of the primary and ultimately most important project of the internship period.

During this phase, a clear analysis and project scope will be drawn up, certain integral aspects of the application will be brainstormed, such as database design, use cases, site mapping, wireframing and prototyping will also be done. This complete analysis is done so that everyone has a uniform picture of the project.

In week 5 of the internship, the basis of the project is laid down, during this week the project is created, the scrum methodology is started, the MoSCoW method is applied to set priorities and the basis of the project is laid down.

In weeks 6 and 7 the prioritized pages and functionalities will be developed, in the case of the booking tool this will include everything regarding resource management.

The following weeks will be used to develop all other functionalities, functionalities such as viewing statistics and logs, promotions, etc.

In week 10 we will start working on the booking tool for the end-user. This is one of the most important parts of the project but cannot be developed as long as the management of the company is not fully in order.

The last two weeks will be taken as backup time, time to write documentation so that further work can be done on the project in the future.

5   INFORMATION & REPORTING

During the development of the application, a feedback moment will take place approximately every two weeks with the internship mentor, during which a demo of the application will be given and feedback will be given about the functionalities, design and UX/UI.

The internship mentor will always be available by telephone or e-mail. This allows urgent problems or questions to be answered immediately.

An internship report and a logbook will be sent to the internship supervisor every week. This way, the internship supervisor can monitor the internship and adjust it if necessary.

There are also two moments planned at Thomas More, the first moment will be a short presentation about the internship company and the assignment. Return moment two will be a discussion of the current state of affairs and a short conversation about the interim evaluation.

At the end of the internship, a moment will take place with the internship mentor during which the final work is evaluated and documents such as the project documentation are transferred.