Graduation project Report

Audit / Assessment Dashboard

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Work proposed and elaborated within:

DRÄXLMAIER

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Introduction 1

Project Context

General Context . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

Company description . . . . . . . . . . . . . . . . . . . . . . . . . . .

Market study . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

Problematic . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

solution

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General Context . . . . . . . . . . . . . . . . . . . . . . . . . . . .

This project was conducted as a final stage of my academic engineering studies in order to obtain my national engineering diploma of Telecommunications from the Higher School of Communications of Tunis (ESPRIT).

The project of "audit/assessment dashboard" was proposed by DRÄXLMAIER group where I held the position of a trainee for six months.

Company description . . . . . . . . . . . . . . . . . . . . . . . . . . .

in this upcoming section i will be giving a description about DRÄXLMAIER and its different sectors.

Company description . . . . . . . . . . . . . . . . . . . . . . . . . . .

Draxlmaier is considered as a leading automobile supplier as it is ranked among the top 100 globally.

Founded in Germany in 1958 by Lisa et Fritz Dräxlmaier Senior, and in Tunisia in 1974 , it today embraces over 75,000 people worldwide in over 20 and 65 sites.

Dräxlmaier develops and manufacture complex wiring harness systems, central electrical and electronic parts,

exclusive interiors and storage systems for electro-mobility for recognizable automobile manufacturers such as Audi, BMW, Jaguar, Land Rover, Maserati, Mercedes-Benz, MINI, Porsche, and VW ,going from the very first idea all the way up to in-sequence delivery,

DRÄXLMAIER manages the entire supply chain in all product segments. From the initial idea, going to the design and conception, ultramodern simulation processes, toolmaking, process development, lightweight construction, functional integration, and testing technology, all the way to in-sequence delivery of the products to the assembly line of the customer, DRÄXLMAIER supplies it all from a single source.

Draxlmaier is located in several position here in Tunisia, such as jemmel , **DRÄXLMAIER Siliana and drexlmaier Sousse abdlahmid where I conducted my internship.**

x.x activities sectors:

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Market study . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

As information turned into an open source reached by everyone,

Leaving negative comments over a brand online might risk damaging their fragile vulnerable reputations.

Nowadays it got so easy to be influenced since everybody tends to express their sentiments publicly on the internet, and that opinion carries on forever.

The clients are getting more and more educated about their demands when it comes to services, that's why they anticipate a similar quality expectation when it comes to business from every supplier and a partner as well.

therefor, it is important to maintain a high level of professionalism

To meet those requirements.

That’s why here in draxlmaier we strictly stick to specific norms to deliver a product that respects all the requirements set by the client.

(here I can talk values and from there talk about the norm)

(leave this until you meet ismail bé)

Problematic . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

the automobile sector is constantly developing. day by day, new technologies are emerging in the world of automibles and it is important to be on the same pace with this evolution.

As a part of the process, the conducted products need to undergo a strict evaluation from the begging all the way to the end.

one of these stages of evaluation is upon the quality department.

this team is required to ensure the excellence of the delivered products.

This excellence rate is measured respectfully by comparing it to a list of Norms that it must strictly follow.

with the evolvement of the automobile sector, these norms evolve to match. Thus, the documents containing the norms are frequently changing.

Before every production, an audit takes place, the inspector demands justifications, and the responsible employee of the quality department finds himself drowning in hundreds of documents with hundreds of pages in order to find that justification he is looking for. leading to wasting days in searching and making the process long and painful.

Solution

In order to save time and ease the process of going into all these files.

we thought about a way to make things simple. Create a desktop Application for that matter.

the App is supposed mainly to cover these functionalities:

- fetch the document for the cloud ( sharing point) and download them into a local repository

-normalize documents automatically from word to a pdf (since about 90 % of the documents are PDF format)

- take a textual input and search for it in the downloaded files by iterating through the different files within the repository

- process scanned documents and extract text

-indicate the file location , page number , and chapter headings of that paragraph.

-highlight the searched paragraph within the file.

-display the results on a GUI.

Project Time Management

Here I will be talking about how I underwent this project

-mostly the adopted methodology just going to make it more specifically about my experience)

I.1.5.2 Project Management Method

How much did I spend energy and time over every step of the project