



# DRÄXLMAIER Tunisia

## PFE Book





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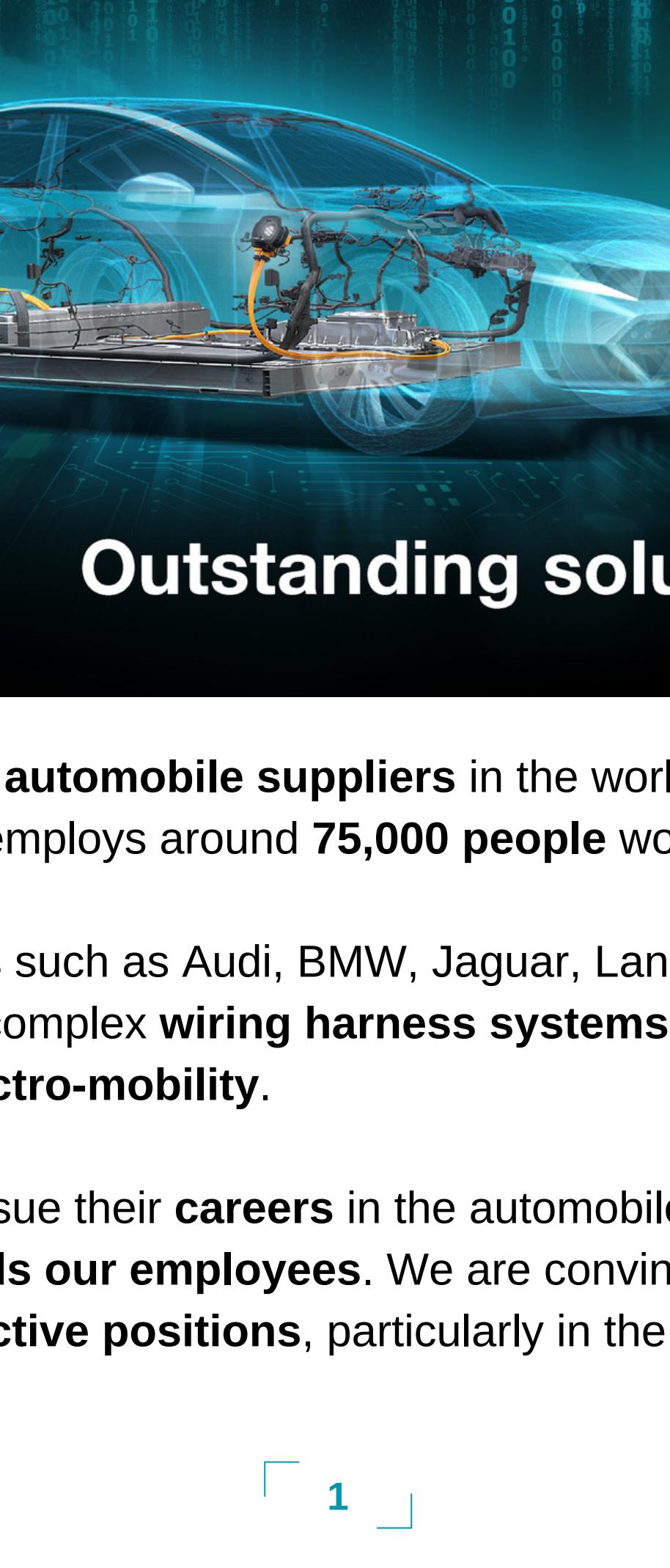
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## Outstanding solutions for premium vehicles

The **DRÄXLMAIER Group** is one of the **Top 100 automobile suppliers** in the world and operates at more than **65 sites** in over **20 countries**. Founded in Germany in 1958, it now employs around **75,000 people** worldwide.

As a partner to notable automobile manufacturers such as Audi, BMW, Jaguar, Land Rover, Maserati, Mercedes-Benz, MINI, Porsche, and VW, we develop and manufacture complex **wiring harness systems**, **central electrical** and **electronic parts**, exclusive **interiors** and **storage systems** for **electro-mobility**.

At DRÄXLMAIER, **young professionals** can pursue their  in the automobile industry. As an owner-managed family company, we feel a **particular obligation towards our employees**. We are convinced that a responsible, long-term way of thinking is essential for economic success. We offer **attractive positions**, particularly in the field of **technology**, **engineering** and **information technology**.

# Our Values



## Market & Customer Orientation

Understanding the customers and the market; putting innovations on the market; supplying unique premium solutions



## Innovation

Innovative technical solutions for the mobility of the future



## Independence

Differentiated time-to-profit growth



## Sustainability

Sustainable products; climate change; social responsibility



## Process Excellence

Increased effectiveness and efficiency through standardization and scalability, as well as digitization and automation



## Employee Orientation

Inspirational mindset and action – an ambitious goal for sustainable cooperation

# DRÄXLMAIER Tunisia

**10 000**  
Employees

**5**  
Locations

**4**  
Excellence  
Centers

**+45**  
Years of  
History



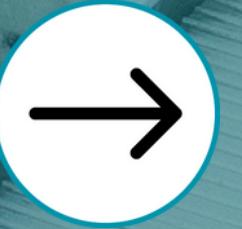


# Selection Process





**DRÄXLMAIER Sousse,**  
Zone Industrielle Sidi Abdelhamid





# Continuous Improvement Process Department

## Project 01 : Kanban Feeding System.



### Description:

The goal of this project is to have enough inventory to continuously produce outputs without having too much surplus inventory and to enhance the logistics value chain through Kanban system.



### Profile:

Industrial engineer



### Required Skills:

English, MS Excel



### Tasks:

- Analyze the current status.
- Provide a solution.
- Develop a database that facilitates the management of components state.



### Number of Interns:

1 Intern



### Duration:

4 to 6 Months



[Reference: P01](#)  
[Apply here](#)



# Continuous Improvement Process Department

## Project 02 : Energy efficiency



### Description:

The purpose of this project is to analyze the METS electrical installation and to improve its performance using an energy simulator. Then, identify the root causes and to prepare an action plan.



### Profile:

Electronic / Mechanical Engineer



### Required Skills:

English, MS office, Good knowledge of measurement equipment



### Tasks:

- Analyze the current status.
- Study the electrical installation performance
- Identify the root causes analysis
- Prepare a corrective action plan



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P02](#)

[Apply here](#)



**DRÄXLMAIER Zaouiet Sousse,**  
Zone Industrielle Sidi Abdelhamid





# Human Resources Department

## Project 03 : Automated Data Entry



### Description:

The purpose of this project is to create a fully automated data Entry Userform in Excel and Word for repetitive or standardized data.



### Tasks:

- Prepare file for database.
- Add Module for function and procedure.
- Declare variables and using them.
- Create and design User Form in Excel and word.
- Test the application.



### Profile:

Master/Engineer in IT.



### Required Skills:

English, MS office, VBA, PLC Programming



### Number of Interns:

1 Intern



### Duration:

3 Months



# Site Infrastructure Department

## Project 04 : Plant Visitors Access Dashboard.



### Description:

The purpose of this project is to create an interactive dashboard that display the status of visitors on site in order to ensure the follow-up of visitors' access.



### Profile:

Masters Degree /Engineer IT.



### Required Skills:

English, MS office, VBA, PLC Programming



### Tasks:

- Creation of a dashboard.
- Programming using VBA tool.



### Number of Interns:

1 Intern



### Duration:

4 Months



# Site Infrastructure Department

## Project 05 : Security Rounds Digitalization.



### Description:

The purpose of this project is to create a tracking application that digitize and display the security rounds reports .



### Tasks:

- Security reports digitalization.
- Programming using VBA tool.
- Create a reporting system of the security rounds



### Profile:

IT Masters Degree /Engineer.



### Required Skills:

English, MS office, VBA, PLC Programming



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P05](#)  
[Apply here](#)



# Health and Safety Process Department

## Project 06 : Implementation of a program for medical files and Health System and Safety at Work.



### Description:

The purpose of this project is to Study and improve the management of document in relation of internal requirement and normative standard.



### Profile:

IT Engineer.



### Required Skills:

English, MS office, Lean management



### Tasks:

- Analyze the current state.
- Provide a solution.
- Define the technical specifications required.
- Prototype simulation.



### Number of Interns:

1 Intern.



### Duration:

3 Months.





# Production Department

## Project 07 : Six Sigma Project - Reduce Process Variability.



### Description:

The purpose of this project is to analyze the variability of the foam process criteria and to develop a solution and action plan based on the DMAIC approach.



### Profile:

Mechanical / Electronic engineer



### Required Skills:

English, MS office, Lean-six sigma management



### Tasks:

- Analyze the current state.
- DMAIC.
- Define an action plan.



### Number of Interns:

1 Intern.



### Duration:

4 Months.



Reference: P07  
Apply here



# Production Department

## Project 08 : Lean Project - Productivity Improvement



### Description:

The purpose of this project is to analyze the actual productivity status, and to propose an action plan based on lean approach to improve the plant productivity.



### Profile:

Mechanical / Electronic Engineer.



### Required Skills:

English, MS office, Programming.



### Tasks:

- Analyse the current state.
- Provide a solution based on lean tools.
- Define an action plan .



### Number of Interns:

1 Intern.



### Duration:

4 Months.



Reference: P08

Apply here



# Production Department

## Project 09 : Finite Element



### Description:

The purpose of this project is to analyze the root causes of the opening behavior not okay of the JLR Armrest based on simulation with the finite element methodology.



### Profile:

Mechanical / Electronic Engineer.



### Required Skills:

English, MS office, Finite element.



### Tasks:

- Analyze the current state.
- Modelisation.
- Finite element simulation.
- Define the critical parts.



### Number of Interns:

1 Intern.



### Duration:

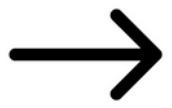
4 Months.



[Reference: P09](#)  
[Apply here](#)



**Hub of Sousse,**  
Zone Industrielle Sidi Abdelhamid



# Governance Group Quality Tunisia Department

## Project 10 : Creation of Database related to management Review.



### Description:

The purpose of this project is to create a database to replace the Excel way of managing the management Review. This database will automatically report the necessary KPI/PPI , notify the Process Team member and save the related Proof.



### Tasks:

- Analyze the current state.
- Provide a Digital solution.
- Define the technical specifications required.
- Prototype simulation.



### Profile:

IT Engineer



### Required Skills:

English/German, Quality Management, Problem Solving, Logical Thinking



### Number of Interns:

1 Intern



### Duration:

4 to 6 Months





# Governance Group Quality Tunisia Department

## Project 11 : Mobile Application for the digitalization of the hybrid work planning.



### Description:

The purpose of this project is to create a mobile application for the monthly planning of the hybrid work in order to facilitate its creation and to match the hybrid work procedure.



### Tasks:

- Analyze the current state.
- Provide a solution.
- Define the technical specifications required.
- Prototype simulation.
- Mobile application rollout.



### Profile:

IT Engineer



### Required Skills:

English, MS office, Mobile developer



### Number of Interns:

1 Intern



### Duration:

4 Months



## Project 12 : Implementation of EOMS based on the ISO 21001 Norm.



### Description:

Implementation of the Management System for Educational Organizations (EOMS) on professional education department based on ISO 21001.



### Profile:

Engineer in Technical fields/ Quality Management



### Required Skills:

English, MS office,



### Tasks:

- Analyze the current state.
- Determine external and internal issues that affect its ability to achieve the intended outcomes of the professional education department .
- Establish and implement an EOMS, including the processes needed and their interaction ,in accordance with the requirement of ISO 21001.



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P12](#)  
[Apply here](#)



# Digital Business Data Science Department

## Project 13 : Bounding box labeling on internal website



### Description:

The purpose of this project is to extend our current internal data science website with a bounding box labeling tool, i.e. users should be able to draw and label several bounding boxes in images.



### Tasks:

- Survey standard HTML elements to use bounding boxes or public open-source implementations.
- Implement prototype on our internal webpage.
- Help with backend endpoint to accept the user drawings and labels.



### Profile:

Front-end Developer / Software Engineer



### Required Skills:

English, JavaScript programming, Angular, Web development, Front-end development, AWS



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P13](#)

[Apply here](#)



## Project 14 : Text Classification with AI Transformers



### Description:

The purpose of this project is to implement a natural language processing (NLP) AI model to classify texts. This will entail building a trainings pipeline and the use of example texts from the internal ticketing system as trainings data.



### Tasks:

- Determine the best AI solution and decide on pretrained model.  
Trainings pipeline and prototypic implementation.
- Optimization, evaluation and metric tracking of AI models.
- Must be general enough for it to be reusable in different text use cases, e.g. SAP text files.



### Profile:

Data Scientist / Software Engineer



### Required Skills:

English, Python programming, TensorFlow, Data Science, AWS



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P14](#)

[Apply here](#)



# Global IT Test Management Department

## Project 15 : Teamcenter Test Automation



### Description:

The purpose of this project is to adopt the existing automation concept to our global PLM SW Teamcenter and to start implementation of test automation for this important IT system.



### Tasks:

- Analyze and handover the current status and existing concept.
- Provide experts and consultants the needed solution concept.
- Define the technical specifications for test case as required.
- Launch the implementation of automated PLM test case and Python script programming.



### Profile:

IT SW Engineer or similar.



### Required Skills:

English, script programming (Python or similar), Teamcenter or similar IT application desired, MS Office



### Number of Interns:

3 Interns



### Duration:

4 to 6 Months





# Global IT Test Management Department

## Project 16 : SAP S/4 Test Automation.



### Description:

The purpose of this project is to enhance the existing automation concept for our global SAP S/4HANA SW and to do the implementation of test automation for this business-critical IT system.



### Tasks:

- Analyze and handover of the current concept and state.
- Support the experts and consultants for solution concept and new ideas.
- Define the technical specifications for test case as required then implement the automated PLM test case and Python script programming.



### Profile:

IT SW Engineer or similar.



### Required Skills:

English, script programming (Python or similar), SAP or similar IT application desired, MS office



### Number of Interns:

1 Intern



### Duration:

4 to 6 Months



[Reference: P16](#)  
[Apply here](#)



## Project 17 : Object tracking for production settings



### Description:

The purpose of this project is to extend the code framework of the data science team with object detection and tracking functionalities, e.g. a YOLO-Version or EfficientDet. I.e. we want to detect the location of certain object-types in an image/video.



### Tasks:

- Determine the best algorithmic solution.
- Prototypic implementation and experiments for showing usability.
- Optimization, evaluation and metric tracking of AI models.
- Possibly, integration into Self-Service AI cloud platform.



### Profile:

Front-end Developer / Software Engineer



### Required Skills:

English, JavaScript programming, Angular, Web development, Front-end development, AWS



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P17](#)

[Apply here](#)



# Mobility Services

## Project 18 : Developing an application for Mobility workflow



### Description:

The purpose of this project is to create an application to facilitate calculating the number of transfers between DRÄXLMAIER TN sites, Airport transfers and the number of passengers.  
Database provided by SAP H02 reporting.



### Profile:

IT Engineer:



### Required Skills:

English, MS office



### Tasks:

- Analyze data (Car transfers flow and business trips to different locations).
- Provide a Digital solution by creating an application.
- Prepare the application prototype.



### Number of Interns:

2 Interns



### Duration:

4 to 6 Months



[Reference: P18](#)

[Apply here](#)



# Human Resources Department

## Project 19 : CV Screening Algorithm - Recruitment Automation.



### Description:

The automated resume screening tool easily locates qualified candidates by picking key skills using developed algorithms.

This project aims to reduce the time spent on screening and reading CVs manually therefore it enhances efficiency when it comes to selecting more fitting profiles to the needed requirements to the position.



### Tasks:

- Discovering and studying the current tool and method used in screening CVs.
- Determine the specific use case to be addressed/solved.
- Develop an applicable, user-friendly, and effective digital solution.



### Profile:

IT Engineer



### Required Skills:

English, Machine learning, SciKit-Learn ,NLP, NLTK, Spacy, Python, TypeScript,



### Number of Interns:

1 intern



### Duration:

4 to 6 Months



[Reference: P19](#)  
[Apply here](#)



# Corporate Communications

## Project 20 : Effective Social Media strategy.



### Description:

Support the Corporate Communications to develop and implement outreach and promotional campaigns to boost brand engagement.



### Tasks:

- Designing visuals for both internal & external communications campaigns
- Community management: creating social media campaigns and contents
- Design and present new social media campaign ideas.



### Profile:

Master / bachelor degree in Marketing, Communications or a related field



### Required Skills:

Strong writing skills in both French/English, Excellent knowledge of social media platforms, Graphic design, Creative mindset, good at filming and photographing



### Number of Interns:

2 intern



### Duration:

4 Months



[Reference: P20](#)  
[Apply here](#)



**DRÄXLMAIER Jemmal,**  
Route Bir Ettayeb KM 2





# Human Ressources Department

## Project 21 : Digital Pre-onboarding and Onboarding

**Description:**

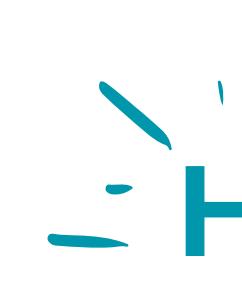
Digitalize the pre-onboarding and onboarding phase of the Recruitment Process.

**Profile:**  
IT Engineer**Required Skills:**  
MS , Power Apps, Power BI**Tasks:**

- Define all steps from the selection till the induction plan.
- Digitalize all steps.

**Number of Interns:**  
2 Interns**Duration:**  
4 Months

[Reference: P21](#)  
[Apply here](#)



# Human Ressources Department

## Project 22 : Dynamic HR Dashboard



### Description:

In order to generate all needed HR Dashboards for different activities , this project will help HR professionals extract the needed information and KPI's depending on the target population.



### Tasks:

- Coordinate with HR team to agree on pertinent KPI's for different needs.
- Set the different audience and prepare a dashboard for each one of them to be generated automatically through the Platform.



**Profile:**  
IT Engineer



**Required Skills:**  
MS , Power Apps, Power BI



**Number of Interns:**  
1 Intern



**Duration:**  
6 Months



[Reference: P22](#)  
[Apply here](#)



# Human Ressources Department

## Project 23 : Zero Timekeeping Anomalies

**Description:**

Design an HR process able to remedy all time keeping anomalies.

**Profile:**

HR Degree, Management Bachelor

**Required Skills:**

MS Office, English

**Tasks:**

- Analyze root causes of possible anomalies and propose the corrective actions in coordination with HR team.

**Number of Interns:**

1 Intern

**Duration:**

3 Months



[Reference: P23](#)  
[Apply here](#)



# Human Ressources Department

## Project 24 : Intelligent Transportation Plan



### Description:

To set an intelligent tool able to affect every new hire in the best transportation option.



**Profile:**  
IT Engineer



**Required Skills:**  
MS , Power Apps, Power BI



### Tasks:

- To create a plateform able to give instant overview of transportation : number of bus, filing rate, destination, map, free places,...



**Number of Interns:**  
1 Intern



**Duration:**  
4 Months



[Reference: P24](#)  
[Apply here](#)



# Site Infrastructure Department

## Project 25 : Intervention System Automation.

**Description:**

Implementation of an Intervention Management System.

**Profile:**

Industrial Engineer

**Required Skills:**

English, MS Office, Advanced VBA Level

**Tasks:**

- Creation of a dashboard.
- Programming by VBA tool.
- Instant management dashboard.

**Number of Interns:**

1 Intern

**Duration:**

6 Months





# Site Infrastructure Department

## Project 26 : Daily Security Report Digitalization.



### Description:

Digitization and traceability of information issued from the security tours carried out.



### Profile:

Industrial Engineer



### Required Skills:

English, MS Office, Advanced VBA Level



### Tasks:

- Digitization of reports from the daily rounds of security agents.
- Programming by VBA tool.
- A reporting system for the missions of security officers.



### Number of Interns:

1 Intern



### Duration:

4 Months





# Site Infrastructure Department

## Project 27 : Integrated Management System.



### Description:

Implementation of the integrated management system according to the ISO14001 and ISO45001.



### Tasks:

- The implementation of the integrated management system.
- Follow-up of the implementation chapter by chapter of the ISO 14001 and ISO 45001 standard according to the defined HLS structure.
- Have an auditable system.



**Profile:**  
Industrial Engineer



**Required Skills:**  
English, MS office, Knowledge related to ISO14001 and ISO45001



**Number of Interns:**  
2 Interns



**Duration:**  
6 Months



[Reference: P27](#)  
[Apply here](#)

# Logistic Department

## Project 28 : Cockpit Module Flow



### Description:

The purpose of this project is to organize the flow of the Cockpit Modules from the Output of the line, passing by the engine Process with the interior space, till the final step which is shipping.



### Tasks:

- Analyze the current Flow and status.
- Define the Semi-finished goods Flow with the technical specifications for the transport concept between production and shipping,
- Identify the Lay-Out of the Exit warehouse
- Set the Transport Responsibilities.



### Profile:

Software Engineer,



### Required Skills:

English, MS office, CAD drawing, Lean Manufacturing



### Number of Interns:

1 Intern



### Duration:

4 Months



Reference: P28

Apply here



# Logistic Department

## Project 29 : ABC Storage Method in WH05 and Flow organization in the In/Out Areas



### Description:

The purpose of this project is to have a better use of the volume of the Racks in the Warehouse05 and to define the Lay-Out of the Input / Output Areas (Module Assembly and Cockpit) for a better Material Flow (Semi finished products, returnable products, ...etc).



### Tasks:

- Analyze the current Flow and state,
- Define the storage levels in WH05 for the Raw Materials in the Racks
- Identify the Lay-Out of each Input / Output Area for Module Assembly and Cockpit,
- Set the Transport Responsibilities and generate the informational Flow,



### Profile:

Mechanic/Industrial Engineer



### Required Skills:

English, MS office, CAD drawing, Lean Manufacturing



### Number of Interns:

1 Intern



### Duration:

4 Months



[Reference: P29](#)

[Apply here](#)



# Logistic Department

## Project 30 : Implement a digital platform for Production Control (Portal)



### Description:

Collect the data to create a database. Create a digital Platform to visualize the different indicators and information related to the department.



### Tasks:

- Analyze the current status.
- Collect data.
- Define the required Inputs and technologies .
- Create the Digital Platform.



### Profile:

Software Engineer



### Required Skills:

Database, SQL, Oracle, Angular, Spring boot, Java, Architecture J2EE



### Number of Interns:

1 Intern



### Duration:

6 Months



[Reference: P30](#)  
[Apply here](#)



# Quality Department

## Project 31 : "Visual management of product safety and conformity"



### Description:

The purpose is to create an innovative quality project based on visual management of product safety.



### Tasks:

- Analyze statistically the current state.
- Evaluate the effectiveness of problem-solving tools related to product safety topic.
- Provide an innovative solution.
- Implement an innovative quality project.



### Profile:

Quality/ Electric/ Industrial Engineer



### Required Skills:

Design, AutoCAD, MES Office, English



### Number of Interns:

1 Intern



### Duration:

3 Months



[Reference: P31](#)

[Apply here](#)



# Continuous Improvement Process Department

## Project 32 : Engineering, designing and building of an AMR.



### Description:

The purpose of this project is to Study and Design of an AMR in order to automate the transfer of the product between different process.



### Profile:

Electromechanics Mechatronics Automation



### Required Skills:

ROS, GAZEBO, RVIZ, SOLIDWORKS,CAD drawing



### Tasks:

- Elaborating of a technical requirement specifications
- Programming of AMR controller via ROS
- Creating moto controller commands
- Testing and simulating of an AMR
- Building and implementation of the global solution



### Number of Interns:

2 Interns



### Duration:

4 to 6 Months



## Project 33 : IT Store Automation Solution.

**Description:**

Automate the storage process of valuable IT devices (HoloLens ,Tablets ,laptops ,zebra printers ,Honeywellscanners)

**Tasks:**

- Analyze the current situation and identify the different threats.
- Evaluate the existent solutions in the market .
- Provide a modernized solution offering the possibility to identify. localize and follow up the IT costly assets in real time.
- Alert the IT asset responsible in case of any device will exceed the allowed perimeter.

**Profile:**

IT Engineer

**Required Skills:**

IoT ,MS Office ,Power BI ,English

**Number of Interns:**

1 Intern

**Duration:**

4 Months



[Reference: P33](#)

[Apply here](#)



# Information Technology Department

## Project 34 : Laptop and Tablets movement Follow-up Solution.



### Description:

Ensure instantly laptop/tablet ownership recognition (Watchman gate control).



### Tasks:

- Analyze the current situation and identify the different threats.
- Evaluate the existents solutions on the market.
- Provide a modernized solution that offer the possibility of identify, localize and follow up the IT costly assets in real time.
- Alert the IT asset responsible in case of any device will exceed the allowed perimeter.



**Profile:**  
IT Engineer



**Required Skills:**  
IoT ,MS PowerAPP



**Number of Interns:**  
1 Intern



**Duration:**  
4 Months



[Reference: P34](#)  
[Apply here](#)



## Project 35 : Employee Presence on the Shopfloor



### Description:

Monitor the allowed time for breaks, smoking with a visual management solution and help the line supervisor to make the right decision.



**Profile:**  
IT Engineer



**Required Skills:**  
IoT ,MS Office ,Power BI



### Tasks:

- Analyze the current situation and understand the context.
- Provide an intelligent solution that grants :
  - Intensive follow-up of the employee presence time on the Shop floor lines , stores ,offices..
  - Visual management with timer on each production line
  - Smoking area with limited Number of presence .
  - Real time dashboard .



**Number of Interns:**  
2 Interns



**Duration:**  
4 Months



[Reference: P35](#)  
[Apply here](#)

# Maintenance Department

## Project 36 : Realization of a vertical warehouse (storage of BB).



### Description:

The purpose of this project is to ensure the realization of a vertical warehouse for BB storage.



### Tasks:

- Analyze the current state.
- Prepare the mechanical and electrical drawing.
- Realization of the technical solution.
- Simulation.



### Profile:

Mechanical / Mechatronic / Electronic engineer



### Required Skills:

Electrical and Mechanical skills



### Number of Interns:

4 interns



### Duration:

6 Months



[Reference: P36](#)  
[Apply here](#)

## Project 37 : Tracking Application of KSK defects



### Description:

The purpose of this project is to ensure the realization of a smart application which can ensure the tracking of all default from the PS to the production line.



### Tasks:

- Analyze the current state.
- Propose the SW solution basic on the specification.
- Realization of the application .
- Simulation.



**Profile:**  
IT Engineer



**Required Skills:**  
Computer science skills



**Number of Interns:**  
2 Interns



**Duration:**  
6 Months



[Reference: P37](#)  
[Apply here](#)

# DRÄXLMAIER Siliana, Zone Industrielle Route Gaafour





# Human Resources Department

## Project 38 : Well-being at work.



### Description:

The target of this project is to raise awareness about mental health and well being at work. In order to, define and suggest measures to decrease stress in the Workplace.



### Tasks:

- Include Well-being at work in our employee engagement concept.
- Raise awareness about mental health and psychosocial risks.
- participate in putting in action some of the measures existing in the action plan.



### Profile:

HR Degree , Management, Similar fields



### Required Skills:

English, MS office,



### Number of Interns:

2 Interns.



### Duration:

4 Months.



[Reference: P38](#)  
[Apply here](#)



# Human Resources Department

## Project 39 : Training Effectiveness Evaluation.



### Description:

The purpose of this project is to create an effective tool to evaluate trainings, and especially to develop an understanding of whether objectives of trainings are achieved or not.



### Tasks:

- Identify the possible optimization.
- Suggest a solution in order to improve the current tool.
- Implement additional tools if needed to measure the effectiveness.
- Ensure the follow-up.



### Profile:

HR Degree , Management, Similar fields



### Required Skills:

English, MS office,



### Number of Interns:

1 Intern.



### Duration:

4 Months.



[Reference: P39](#)  
[Apply here](#)



# Continuous Improvement Process Department

## Project 41 : Warehouse Fill Rate.

**Description:**

The purpose of this project is to Study and optimise warehouse fill rate

**Profile:**

Mechanical / Electronic Engineer

**Tasks:**

- Analyze the current state.
- Provide a solution.
- Define the technical specifications required.
- Prototype simulation.

**Required Skills:**

English, MS office, CAD drawing, PLC programming

**Number of Interns:**

2 Interns.

**Duration:**

4 Months



[Reference: P41](#)  
[Apply here](#)



# Continuous Improvement Process Department

## Project 42 : Digital Warehouse stock in real time.



### Description:

The purpose of this project is to implement digitalization and visual management into our warehouse to manage our stock in real time by using a graphic interface linked to a sensor system.



### Tasks:

- Developing a VBA interface.
- Installing a sensors system into our Warehouse for all active positions.
- Developing the an electronic / WIFI system that will communicate with the sensors and transfers all information to the computer to be displayed on the interface screen.
- Preparing the list of all equipment needed for the system.
- Assisting the test and the function of the system.



### Profile:

Mechanical / Electronic / Electrotechnical Engineer



### Required Skills:

English, MS Excel, CAD drawing, PLC programming, VBA developing .



### Number of Interns:

2 Interns.



### Duration:

6 Months.



[Reference: P42](#)

[Apply here](#)



# Continuous Improvement Process Department

## Project 43 : Warehouse 07 Ordering Identification System .



### Description:

Preparing Row material orders to Warehouse 07 is taking a lot of time which causes downtime for KS/VK machines.

The purpose of this project is to provide an identification system (visual /sound) to accelerate ordering process from WH 05.



### Tasks:

- Developing a VBA interface.
- Installing a sensors system into our Warehouse for all active positions.
- Developing the an electronic / WIFI system that will communicate with the sensors and transfers all information to the computer to be Displayed on the interface screen.
- Preparing the list of all equipment needed for the system.
- Assisting the test and the function of the system.



### Profile:

Electronic or Electrotechnical Engineer / IT Developer



### Required Skills:

English, MS Excel, CAD drawing, PLC programming, VBA developing .



### Number of Interns:

1 Intern.



### Duration:

6 Months



[Reference: P43](#)

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