2019 Intern Project Overview

No.	Dept.	Project Name	Project Scope	# ppl	Requested Major	Language Skill
1	Global FM	**VH Facility Weakness Evaluation and Enhancement**	Thoroughly inspect current design of facility systems to identify possible systematic weakness of power supply systems, water supply systems, air compressor systems, and duct ventilation systems in VH, VH2. And propose respective solutions to fix the weakness.	1	Electrical engineering required, specialty in Industrial electricity preferred	English: Intermediate or above
2	Bottom Factory	**TPM Reliability Study on Foaming Machine**	1. Creat a real platform to collect and analyze failure data of foaming machine(IP, DP foaming machine) . 2. Highlight top 10 failure root causes analysis and propose solutions 3. Recommedation and comparision of existing maintenance plan after finding top 10 failures above. 4. Map out an optimal warehousing paln for fomaing machine spare parts	1	Mechanical Engineering/Industrial Engineering	English: Intermediate or above
3	Lean	**Production KPI Reformulating**	The project aims at re-engineering production KPI in VH. 1. Review every single KPI items related to production efficiency and efficacy to understand the purpose / implication of the data, map out an integrated roadmap of each data's input/process/output, and clearly define the source / responsible team / definition of the data to ensure the same set of data is identical and compatible across departments. Ultimately create a proper SOP of data source map, collection, and calculating method. 2. Reformulate the KPI goal setting for growth and development, considering the scope, complexity, and difficulties of each task to set an appropriate goal.	1	Logistics, Industrial Engineering, Statistics, Business, IT, Engineering related background preferred	English: Intermediate or above
4	Lean	**Lean Training Redesign**	To design and implement a new training structure which includes orientation training, promotion training, and all other routine trainings for local employees of all functions to ensure continuous improvement and sustainable competitiveness of the organization.	1	Business Management or Engineering related.	English: Intermediate or above
5	Product Creation Center	**Product Creation 101**	To create a handbook of training materials for PCC new comers from day 1 to day 180 with introduction to all related departments from a project management point of view, and to present the interrelationships and how they cooperate with each other under NIKE and CLG system with the best practices. The topics will include development, tooling engineering, product engineering, Chemical Engineering, Commercialization, costing, and PFC (Process Flow Chart).	2	Business Management related preferred	English: Advanced; Mandarin capabilities a plus.

6	Product Creation Center	**Material Speed Program**	Work with material vendors to understand their process after they receive the forcast from Ching Luh, the production procedure, and to find out the challenges that prohibit them from delivering the material within 21 days to all NIKE manufacturers. The objective of this project is to help the vendors reduce the material lead time to below 21 days for all NIKE manufacturers.	1	Business related, Industrial management	English: Intermediate or above; Vietnamese a plus
7	PCC_CDC	**Midsole Stabilization Study**	**Study on Stabilization Oven temperature and the influence on IP Expansion Rate and product:** Investigate factors influencing the temperature in Stabilization Oven in the development stage and mass production, and find out possible reasons causing the different production statistics and results in CDC and Bottom Factory through QA reports, analysis, and experiments.	1	Science related	English: Intermediate or above Mandarin: a Plus
8	Global TA	**Global Talent Acquisition Website**	To create a website to enhance the efficiency of global talent acquisition process. 1. Understand the current process for expat recruitment & onboarding. 2. Understand the expectation and requirements on recruitment from our internal stakeholders. 3. Consolidate current resources, materials, process management related to talent acquisition process into a website design. 4. Create a website to facilitate current talent acquisition process.	2	Computer science, marketing, graphic design, digital arts, HR	English: Intermediate or above
9	Global	**Archiving Ching Luh History**	Create a digital archive/museum of Ching Luh history which includes the stories, photographs, documents, and artifacts of our great milestones, events, and products to share with our colleagues and partners. With easy accessibility to every employee, this digital archive will help our employees get immersed in our history, know how we have come here, feel proud of being part of it, and being inspired to head for the future. The major tasks of this project would include the followings: - Define the scope, structure, standard process, and standardize the format for recording, archiving, and labeling the stories, photographs, documents, and artifacts of Ching Luh history; - Define the digital platform with detail purpose/required functions, specs, and technical requirements and work with IT to create it; - Work with long-time employees in NIKE division to build content in the standardized format to create initial archive for recording the history of NIKE division.	1	Business, Marketing, Communications, Arts, Multimedia, Engineering, Data Management	English: Intermediate or above
10	MM Auto	**Real Time Shop Floor Control Infrastructure Establishment (6-month project)**	1. Re-engineer current MC shop floor control process flow, and map out future demand/roadmap of MES. 2. Work with inhouse engineer team to digitize with MVS platform, and to create a Real Time shop floor control infrastructure system for MC's production lines.	1	Industrial Engineering, Computer Science	English: Intermediate or above

2018 Internship Project Scope Statement

Facility: VH & VH2

Project Name	**VH Facility Weakness Evaluation and Enhancement**	**Dept**	FM (Faciliyt Management)	**Issued Date**	03-Dec-18
Project Background	On Aug 15th, 2018, a small accident of natural gas valve incorrect operation has tripped six generators of the power plant and caused national wide blackout in Taiwan for several hours. In Chingluh, we are facing similar risk of possible production stoppage caused from the malfunction of a facility part. It is thus critical to identify the system weakness and provide corresponding solutions to prevent further possible damages.				
Objectives	Prevent unexpected massive damage happened in production through thorough inspection of current design of facility system and providing solutions to fix any possible weakness in the system.				
Reference Documents					

Project Description

Scope	Thoroughly inspect current design of facility systems to identify possible systematic weakness of power supply systems, water supply systems, air compressor systems, and duct ventilation systems in VH, VH2. And propose respective solutions to fix the weakness.		
Deliverables	**Duration** (weeks)	**Key Tasks/Activities**	**Key Deliverable**
	4	Inspect the weakness of VH and VH2 facilities	VH and VH2 facility inspection report
	4	Propose solutions to enhance the robustness of VH and VH2 facilities	VH and VH2 facility enhancement proposal
Risk Assessment	N/A		
Project Stakeholders	FM team, EM team, SB team		
Supervisor	David Wang		
Team Member	FM team, EM team, SB team, construction, production		
Benefits for Interns	1. Understanding about facility system 2. To apply theory with the application/implemented in field		

Qualifications of the Role

Source	**Local** **Expat**	**Request # of people**	1
Education	**Vocational College/University** **Comprehensive University** **Master Degree and/or above**		
Major	Electrical engineering required, specialty in Industrial electricity preferred	**Language Skill (English)**	**Intermediate** **Advanced**
Competency/ Skill Required	1. Data and system analysis skill 2. Project management backgroud is a plus.		
Other Requirements	Expat candidates need to have more than 3 years work experience.		
*** Acronym Reference**			

2018 Internship Project Scope Statement

Facility: VH

Project Name	TPM Reliability Study on Foaming Machine	**Dept**	Bottom Factory	**Issued Date**	28-Nov-18
Project Background	Equipment reliability and mechanical integrity management is critical to shorten the downtime in maintenance and to maximize productivity in a plant. Hence, a total solution to optimize replacement frequency and the shelf life of machinery critical parts would be very important. Through results obtained from system diagnosis, we hope to create a standardized framework for preventive maintenance plan and eventually extend equipment operability, lower spare part cost, reduce failure rate significantly, and achieve other high reliability realms.				
Objectives	1. Achieve the optimal goal of zero failure in TPM activities by applying MP analysis (Maintenance Prevention) to collect and sort out related failures. 2. Increase OEE to reduce manufacturing losses such as: downtime loss, repair and commissioning losses, machine loss, deceleration loss, defective products in the restartup process, and material loss.				
References	1. Machine operating manual and mechanical drawings 2. Daily maintenance record and plan 3. Stock lists of Spare part				
Project Description					
Scope	1. Creat a real platform to collect and analyze failure data of foaming machine(IP, DP foaming machine) . 2. Highlight top 10 failure root causes analysis and propose solutions 3. Recommedation and comparision of existing maintenance plan after finding top 10 failures above. 4. Map out an optimal warehousing paln for fomaing machine spare parts				
Deliverables	**Duration** (week)	**Key Tasks/Activities**		**Key Deliverable**	
	2	1. Study foaming machine operating manual. 2. Collect and analyze failure data		Creat a data collection platform	
	2	1. Identify the root cuase from failure result diagnosis. 2. propose possible solutions.		Root causes analysis and proposed solutions	
	2	Create a standardized framework for preventive maintenance plan		Recommendation/ Implementation Plan	
	2	Comparison of before and after the new plan implemented.		Comparison analysis data to show improvement	
Risk Assessment	none				
Project Stakeholders	Chemical Bottom IP、DP & EM Team				
Supervisor	TPM Specialist - Steven Hsu				
Team Member	EM Team, OE Team				
Benefits for Interns	1. Understanding of mechanical structure and maintenance plan. 2. To apply theory to the application/implementation on site in a chemical plant.				
Qualifications of the Role					
Source	☐ **Local** ☐ **Expat**		**Request # of people**	1	

Education	☐ **Vocational College/University** ☑ **Comprehensive University** ☑ **Master Degree and/or above**		
Major	Mechanical Engineering/Industrial Engineering	**Language Skill (English)**	☑ **Intermediate** ☑ **Advanced**
Competency/ Skill Required	Familiar with excel or VBA language, microsoft access data base required, basic concept of TPM will be plus		
Other Requirements	Expat candidates need to have more than 3 years work experience.		
*** Acronym Reference**	MP (**M**aintenance **P**revention)、TPM (Total Productive Maintenance)、OEE(Overall Equipment Effectiveness)		

2018 Internship Project Scope Statement

Facility: VH

Project Name	Production KPI Reformulating	Dept	Continuous Improvement	Issued Date	12-Dec-18
Project Background	Production KPI, a set of production related quantitative indicators revealing the most essential information of how the production line is performing, is critical to the profitability and sustainability of a manufacturer. It also plays an important role in guiding the decision making of leadership teams. A proper set of KPI and its calculation formula should immediately inform the leaders how the production and business is performing, and expose possible challenges and problems if any. The question is, does the current formula of production KPI give us the most accurate information that truthfully shows our efforts and results? If the indicators take such an important role, we believe it deserves a further research to investigate what's been calculated and driven.				
Objectives	1. Review every single KPI items related to production efficiency and efficacy to understand the purpose / implication of the data, map out an integrated roadmap of each data's input/process/output, and clearly define the source / responsible team / definition of the data to ensure the same set of data is identical and compatible across departments. Ultimately create a proper SOP of data source map, collection, and calculating method. 2. Reformulate the KPI goal setting for growth and development, considering the scope, complexity, and difficulties of each task to set an appropriate goal.				
References	Current KPI document				
Project Description					
Scope	The project aims at production KPI in VH. Current production KPI includes data indicating performance on inventory, delivery, quality, efficiency, safety, turnover rate, electircity and water usages. The scope of data collections will encompass all production related functions / departments, such as warehouse, production lines, Cut-to-box, General Affairs, Facility Management, Commercialization, Quality Assurance, Industrial Engineering, Safety, HR, etc.).				
Deliverables	**Duration** (week)	**Key Tasks/Activities**		**Key Deliverable**	
	2	Review current production KPI items and its data sources, composition, and calculation formula.		Map of Data source and process flow for each KPI item	
	4	Propose a reformulated KPI set and calculation to truthfully reflect the production situation.		New KPI set and their composition	
	2	Standardize the KPI process		Documentation of all data/ processes in SOP format	
Risk Assessment	While studying the data, it is sometimes likely to lost the connection between the purpose and the data. I'll guide the intern to make sure that supports our business purpose.				
Project Stakeholders	Mally - Head of global CI; VH all production related department.				
Supervisor	Ivan Wang				
Team Member	None				
Benefits for Interns	Understand how business goal been cascade down to function target and measurement that drives desired behavior.				

Qualifications of the Role			
Source	☐ **Local** ☑ **Expat**	**Request # of people**	1
Education	☐ **Vocational College/University** ☑ **Comprehensive University** ☑ **Master Degree and/or above**		
Major	Information Management, Engineering,	**Language Skill (English)**	☑ **Intermediate** ☐ **Advanced**
Competency/Skill Required	Data analysis skills; Logical thinking; real-time data flow and analytics		
Other Requirements	At least 3-year work experience.		
*** Acronym Reference**	KPI: Key Performance Indicator; CI: Continuous Improvement; SOP: Standard Operating Procedure		

2019 Intern Project Statement

Facility: VH

Project Name	Lean Training Redesign	**Dept**	Lean	**Issued Date**	21-Jan-19
Project Background	Lean operations are considered as part of the core skill sets in modern manufacturing. It consists of tangible tools and conceptual theories to achieve continuous improvement and sustainable competitiveness. However, the way we deliver and proliferate these skills through training and development program determines if the above mentioned goals can be achieved as training plays a vital part and initiative role in building up internal capabilities.				
Objectives	1. To understand and evaluate the effectiveness of current training structure. 2. To analyze the cause of current weakness. 3. To design a future structure and an implementation plan.				
References					
Project Description					
Scope	To design and implement a new training structure which includes orientation training, promotion training, and all other routine trainings for local employees of all functions to ensure continuous improvement and sustainable competitiveness of the organization.				
Deliverables	**Duration** (week)	**Key Tasks/Activities**	**Key Deliverable**		
	2	Gather information to understand the current practices and effectiveness of our training program including lecture participation and feedbacks.	A detailed report of current training structure and effectiveness		
	2	Analyze the current problem/weakness and give possible improvement direction	Map each problem to potential solutions. With explaination of why they are relevant.		
	4	Redesign a training structure and make an applicable plan to change the system in VH.	Detailed roll-out plan with gantt chart and 5W1H.		
Risk Assessment	Training schedule design must be aligned with promotion season. Any delay on the project will results in additional 6 month project time postponed.				
Project Stakeholders	Lean				
Supervisor	Mally				
Team Member	none				
Benefits for Interns	1. Solid experience on proper PDCA problem solving cycle. 2. Lean tool knowledge understanding and application. 3. An enterprise level of employee development vision. 4. Solid understanding how company culture, employee skill level impact to business performance.				
Qualifications of the Role					
Source	☐ **Local** ☐ **Expat**		**Request # of people**	1	
Education	☐ **Vocational College/University** ☐ **Comprehensive University** ☐ **Master Degree and/or above**				
Major	Business management, engineering		**Language Skill (English)**	☑ **Intermediate** ☐ **Advanced**	
Competency/ Skill Required	Logical thinking, analytical skill, process oriented				
Other Requirements					
*** Acronym Reference**					

2018 Internship Project Scope Statement

Facility: Global PCC

Project Name	Product Creation 101	**Dept**	Product Creation Center	**Issued Date**	29-Dec-18
Project Background	A comprehensive and easy-to-follow training program of product creation process for PCC new comers drives not only the success of building up fundamental shoe making process but also enhance employee retentions. The backbone of a training program is the training materials which will help new comers adapt to their working environment and build up their capabilities quick and solid. Therefore we would like to create a comprehensive Product Creation Guidebook 101 with all product creation related functions presented in Nike best practice and rules.				
Objectives	1. Collect and create product creation document to draw a complete picture for product creation process for new comers. 2. Consolidate and illustrate all the processes from differect function and connect their relationships with each other. 3. Edit and present the Product Creation Guidebook 101 in a clear and structural way.				
References					
Project Description					
Scope	To create a handbook of training materials for PCC new comers from day 1 to day 180 with introduction to all related departments from a project management point of view, and to present the interrelationships and how they cooperate with each other under NIKE and CLG system with the best practices. The topics will include development, tooling engineering, product engineering, Chemical Engineering, Commercialization, costing, and PFC (Process Flow Chart).				
Deliverables	**Duration** (week)	**Key Tasks/Activities**	**Key Deliverable**		
	2	Understand the complete product creation process in each stage.	A roadmap of product creation process.		
	5	Coordinate with each function of product creation to analyze and break down the processes to create training materials to guide through new comers' learning and development.	Presentation files to introduce each product creation related functions and process, as well as how they relate to and collaborate with each other.		
	1	Edit and issue Product Creation Guidebook 101.	Product Creation Guidebook 101		
Risk Assessment	The knowledge and scope of product creation is large. The intern must study and coordinate with product creation functions in a short time. To mitigate this risk, supervisor would need to work closely with the intern to ensure he/she is fully supported/guided from initial steps; drive and guide interns to edit and issue the product creation guide book as a clear and an easy for new comers to read way.				
Project Stakeholders	PCC Development team, Process Engineering team, PCC Engineering team, PCC Sample Room.				
Supervisor	Katy - Assistant CTL (CP)				
Team Member	CP Team				

Benefits for Interns	Compehensive understanding/knowledge about shoe development and manufacturing processes in footwear industries. Chance to approach the entire product creation areas. Improve analysis and structural building skills.		
Qualifications of the Role			
Source	☑ **Local** ☐ **Expat**	**Request # of people**	2
Education	☐ **Vocational College/University** ☑ **Comprehensive University** ☑ **Master Degree and/or above**		
Major	Business Management related	**Language Skill (English)**	☐ **Intermediate** ☑ **Advanced**
Competency/ Skill Required	Strong interest in footwear product creation. Background in this is highly preferrable. Language requirement: fluent in English, and Mandarin capabilities would be a big plus.		
Other Requirements	Strong in Microsoft Office tools, PPT, Excel, Word; best if know how to make videos.		
*** Acronym Reference**	PCC: Product Creation Center		

2019 Intern Project Statement

Facility: VH

Project Name	Material Speed Program	Dept	PCC Material Team	Issued Date	31-Jan-19
Project Background	As we are working on elevating our production capacity and capabilitiy, the speed to deliver the product to the market is the ultimate goal of our success. To achieve the mission, Ching Luh had started the Speed Program in 2019 to work on two major sections, product development and production, to speed up our lead time to the market. One key constraint of our production lead time is the material lead time. This project will work with inhouse development and material team and our major material suppliers to understand the process of material manufacturing and the product development, and eventually work out some solutions to shorten the product development process and material lead time.				
Objectives	Work with material vendors to understand their process after they receive the forcast from Ching Luh, the production procedure, and to find out the challenges that prohibit them from delivering the material within 21 days to all NIKE manufacturers. The objective of this project is to help the vendors reduce the material lead time to below 21 days for all NIKE manufacturers.				
References					
Project Description					
Scope	The intern will work closely with Ching Luh product development, material, production, and supply chain to understand our demand for material lead time, and collaborate with material vendors to tackle their challenges for shorter lead time. The focus of this project would be to work on 3 different materials with 3 respecitve vendors. Eventually create a solution plan to streamline both vendor process and Ching Luh internal process to accomodate new ways of collaboration of a shorter material lead time.				

Deliverables

Duration (week)	Key Tasks/Activities	Key Deliverable
1	Understand the process of product creation, material team, production, purchasing, and the role of material order and lead time plays in production lead time.	A comprehensive understanding about the whole process and the role of material supply in shortening production lead time.
3	1. Understand the details of suppliers' process and how they react after they receive the forcast from CL to materials deliverd to CL. 2. Understand the challenge of material suppliers why they can't hit the 21 day lead time for all NIKE manufacturers.	A road map of process on the supplier sides, and a detail challenge analysis
3	Come up with a plan to help each vendor achieve the 21 day lead time goal for all NIKE manufacturers, and work with the vendor to implement the plan. Also to work with CL internal teams if we need to accommodate the new procedure internally.	Report on the implementation results
1	Project conclusion and presentation	Presentation file to report the project

Risk Assessment	
Project Stakeholders	
Supervisor	Juan and Alice - material team
Team Member	
Benefits for Interns	To understand not only product development and production process, but also the process on the material vendor side. Have a general overview of shoe manufacturing supply chain.

Qualifications of the Role			
Source	☐ Local ☐ Expat	**Request # of people**	1
Education	☐ Vocational College/University ☑ Comprehensive University ☐ Master Degree and/or above		
Major	Business related, Industrial management	**Language Skill (English)**	☐ Intermediate ☐ Advanced
Competency/ Skill Required	Logical thinking, analytical skills, process engineering mindset,		
Other Requirements	Can work independtly under cross culture work environment and to navigate through ambiguity especially in the challenges of language barrier.		
*** Acronym Reference**			

2018 Internship Project Scope Statement

Facility: Global PCC

Project Name	Midsole Stabilization Study	**Dept**	Chemical Development Center	**Issued Date**	24-Jan-19

Project Background	The bottom formula, after being developed and trial produced in CDC (Chemical Development Center), will be produced in the mass production of Bottom Factory. However, we have experienced product difference in two production sites. Some possible factors which might cause the difference are listed below. 1. Machinery capability 2. Operational Technology 3. Processing conditions 4. Temperature variation in Stabilization Oven Among the 4 factors, the current project will analyze the influence of the no. 4 factor through experiments on different machines in different production site, and find out the possible root causes which contributed to the product differences between CDC and Bottom Factory within NIKE STD.
Objectives	Study on Stabilization Oven temperature and the influence on IP Expansion Rate and product: Become a Master of Temperature in Stabilization Oven by investigating and analyzing temperatures in areas of different machines in different sites under different combination of factors, and eventually find out the root causes and solutions to maintain consistent production setting and reduce product differences between CDC and Bottom Factory.
References	

Project Description

Scope	Investigate factors influencing the temperature in Stabilization Oven in the development stage and mass production, and find out possible reasons causing the different production statistics and results in CDC and Bottom Factory through QA reports, analysis, and experiments.

Deliverables

Duration (week)	**Key Tasks/Activities**	**Key Deliverable**
2	Learn Nike STD and the complete production process of IP.	General understanding of IP production process and Nike STD
5	Research, invesitgate, and analyze all factors affecting temparatures in Stabilization Oven and the expansion rate of Phylon injection, and possibly propose solutions if any.	A detail analysis and solution report on product differneces in CDC and Bottom Factory
1	Create a presentation to share the results and suggestiong	presentation decks

Risk Assessment	Ensure that all operational conditions follow Nike STD and guidelines on safety operation instructed by SMP. Don't do any operation without machinery license issued by SMP.
Project Stakeholders	CDC / PCC Chemical Engineeering / Bottom Factory / QA / TPM
Supervisor	Ryan Huang
Team Member	CDC
Benefits for Interns	Learn the development, production, and quality assurance process of shoes bottom (IP) manufacturing.

Qualifications of the Role			
Source	☐ **Local** ☑ **Expat**	**Request # of people**	1
Education	☐ **Vocational College/University** ☑ **Comprehensive University** ☐ **Master Degree and/or above**		
Major	Science related	**Language Skill (English)**	☐ **Intermediate** ☑ **Advanced**
Competency/ Skill Required	Chemical / data analysis knowledge, and Chinese communication capability would be a big plus.		
Other Requirements	Microsoft(excel, ppt, words, visio)		
*** Acronym Reference**	ER: Expension Rate; IP: Injection Phylon; CDC: Chemical Development Center; NIKE STD: NIKE Standards; SMP: Safety Management Process		

2019 Intern Project Statement

Facility: Global in VH

Project Name	Global Talent Acquisition Website	**Dept**	HR Global TA	**Issued Date**	07-Feb-18
Project Background	To enhance current talent acquisition process, we need a Global Talent Acquisition Website to consolidate all resources, materials, and process management related to recruitment and onboarding for more efficient and effective talent acquisition.				
Objectives	To create a website to enhance the efficiency of global talent acquisition process.				
References	Check with both Global TA, Factory TA and JV TA team about the related materials if any.				
Project Description					
Scope	1. Understand the current process for expat recruitment & onboarding. 2. Understand the expectation and requirements on recruitment from our internal stakeholders. 3. Consolidate current resources, materials, process management related to talent acquisition process into a website design. 4. Create a website to facilitate current talent acquisition process.				
Deliverables	**Duration** (week)	**Key Tasks/Activities**		**Key Deliverable**	
	2	To learn current talent acquisition process and requirement from Global TA and internal stakeholders, and collect related resources, materials, and process.		Documentation of talent acquisition related materials, resources, and process.	
	2	Consolidate the collected information into a website, and come up with the design of website structure, style, and contents.		Website structure, style, and contents	
	4	Implement the design to create Global Talent Acquisition Website.		Global Talent Acquisition Website	
Risk Assessment	Understand the copyright of portrait between the portrait right and the copy right of portrait work such as cited photo, materials to avoid the intellectual leakage.				
Project Stakeholders	Global TA, HRBP, expat employees				
Supervisor	Joanne Lee				
Team Member	Global TA team and BP team				
Benefits for Interns	To apply theory into reality to develop standard on-boarding policy ad process with paperless for global TA & factory TA team as well as the stakeholders.				
Qualifications of the Role					
Source	☑ **Local** ☐ **Expat**		**Request # of people**	2	
Education	☑ **Vocational College/University** ☐ **Comprehensive University** ☐ **Master Degree and/or above**				
Major	Computer science, marketing, graphic design, digital arts, HR	**Language Skill (English)**	☑ **Intermediate** ☑ **Advanced**		
Competency/ Skill Required	Website design skills, HRM/HRD knowledge, communication skills (presentation of ideas, presentation in English), project management, co-operation, responsible, initiative				
Other Requirements					
*** Acronym Reference**					

2019 Intern Project Statement

Facility: Global

Project Name	Archiving Ching Luh History	Dept	Group	Issued Date	19-Feb-19
Project Background	Ching Luh is 50 years old in 2019. We have a rich history with great milestones, events, and products shared with brands such as NIKE and Adidas and also aligned with the memorable moments of sports super stars. We will house a physical museum in Taiwan to preserve these moments in our history, and will also build a virtual/digital archive to enable easy sharing with our colleagues and friends.				
Objectives	Create a digital archive/museum of Ching Luh history which includes the stories, photographs, documents, and artifacts of our great milestones, events, and products to share with our colleagues and partners. With easy accessibility to every employee, this digital archive will help our employees get immersed in our history, know how we have come here, feel proud of being part of it, and being inspired to head for the future.				
References	Ching Luh Adidas Museum in Fuzhou				
Project Description					
Scope	The major tasks of this project would include the followings: - Define the scope, structure, standard process, and standardize the format for recording, archiving, and labeling the stories, photographs, documents, and artifacts of Ching Luh history; - Define the digital platform with detail purpose/required functions, specs, and technical requirements and work with IT to create it; - Work with long-time employees in NIKE division to build content in the standardized format to create initial archive for recording the history of NIKE division.				

Deliverables	Duration (week)	Key Tasks/Activities	Key Deliverable
	1	Go through the collections in Fuzhou Museum to understand the different types of artifacts and collections we have physically archived.	General understanding of the project and the physical museum in Fuzhou.
	2	Define the scope and structure of the virtual archive, the process for archiving, and create a standardized format and guidelines of everything to be archived with initial samples.	A guideline/handbook to archive Ching Luh History
	1	Communicate with IT to define the system requirements of the platform for archiving, sharing, and easy access	A Spec of digital archive system
	3	Work with longtime employees to dig out history of NIKE division, preserve what we have, and create an initial archive of NIKE division history	Archive of NIKE division history
	1	Create a presentation report to illustrate the methodology, objectives, guidelines, and process of the project.	A Presentatio File to conclude the project

Risk Assessment	N/A
Project Stakeholders	Fuzhou site: Bob Shorrock, and Richard Chen, NIKE Division: Kelly Wheeler, Roy Su
Supervisor	Bob Shorrock
Team Member	
Benefits for Interns	Get to know the history and the milestones of Ching Luh, a major NIKE and Adidas shoe manufacturer, and how we worked with the brand to create the memorable moments with legedary products.

Qualifications of the Role			
Source	☐ **Local** ☐ **Expat**	**equest # of peopl**	1
Education	☐ **Vocational College/University** ☐ **Comprehensive University** ☐ **Master Degree and/or above**		
Major	Business, Marketing, Communications, Arts, Multimedia, Engineering, Data Management	**Language Skill (English)**	☐ **Intermediate** ☐ **Advanced**
Competency/ Skill Required	Basic understanding of data management and archiving systems. Sense of art would be a big plus.		
Other Requirements	Passion for sports footwear especially NIKE/Adidas shoes.		
*** Acronym Reference**			

2019 Intern Project Statement

Facility: VH

Project Name	Real Time Shop Floor Control Infrastructure Establishment	**Dept**	MM Automation	**Issued Date**	29-Dec-18
Project Background	With MVS platform now ready to be deployed in MC operations to monitor real time equipment status and performance, we need to go one step further to build an infrastructure to monitor the production performance in realtime, which is the Real Time Shop Floor Control System to keep track of Work Order Execution, WIP, DTs, and Maintenance Support to realize automation control in production. In this project, we aim to re-engineer current MC process flow to accelerate integration of MC digitization and new technologies, in hope that the learning will at the same time help us shape the demand of the MES (Manufacturing Execution System) we need in the near future.				
Objectives	1. Re-engineer current MC shop floor control process flow, and map out future demand/roadmap of MES. 2. Work with inhouse engineer team to digitize with MVS platform, and to create a Real Time shop floor control infrastructure system for MC's production lines.				
References	NA				
Project Description					
Scope	1. Digitization and Re-Engineering of MC current shop floor control process flow 2. Study of Future MES Infrastructure				
Deliverables	**Duration** (Month)	**Key Tasks/Activities**	**Key Deliverable**		
	1	Training: footwear manufacturing processes, MVS platform, MC existing production & maintenance practice, and ECO implementations	1. MC Shop Floor Control Baseline 2. gap analysis & improvmeent reports 3. new SOPs		
	1.5	- Basline MC shop floor control & find out improvmeent opportunities - Formalize new Material & WIP (Work In Process) control and Manufacuturing Information Flow			
	2.5	- Draft MC digitization scopes and priorities - Draft MC MES structure	SA Documentation		
	1	- Finalize MC digitization & MES structure design - Prepare final project reports	Project reports and sharing presentations		
Risk Assessment	NA				
Stakeholders	MM AUTO & MC				
Supervisor	Vincent				
Team Member	MM Automation team & MC				
Benefits for Interns	Learn the process to analyze current manufacturing practice, manufacturing visibility focus & mapping of digital factory.				
Qualifications of the Role					
Source	☐ **Local** ☐ **Expat**		**Request # of people**	1	
Education	☑ **Vocational College/University** ☐ **Comprehensive University** ☑ **Master Degree and/or above**				
Major	IE / Computer Science		**Language Skill (English)**	☐ **Intermediate** ☐ **Advanced**	
Competency/ Skill Required	Programming capability (C++, C# and SQL Database experience) is a plus. With good understanding of production process and production lines.				
Other Requirements					
*** Acronym Reference**	MC: Modernization Center; MVS: Manufacturing Visibility System; MES: Manufacturing Execution System; WIP: Work In Process, DTs: Down Times; SA: System Analysis				