Summer Internship
Mondelēz International

Name : Kiran Patil
ID : 211070904
Duration : 1st June to 1st Aug

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PROJECT 1: CAPABILITY SKILLS MATRIX (NCLC)

Description :To stay competitive in the industry We need Recourse capability skills matrix with their proficiency level.

Objective :

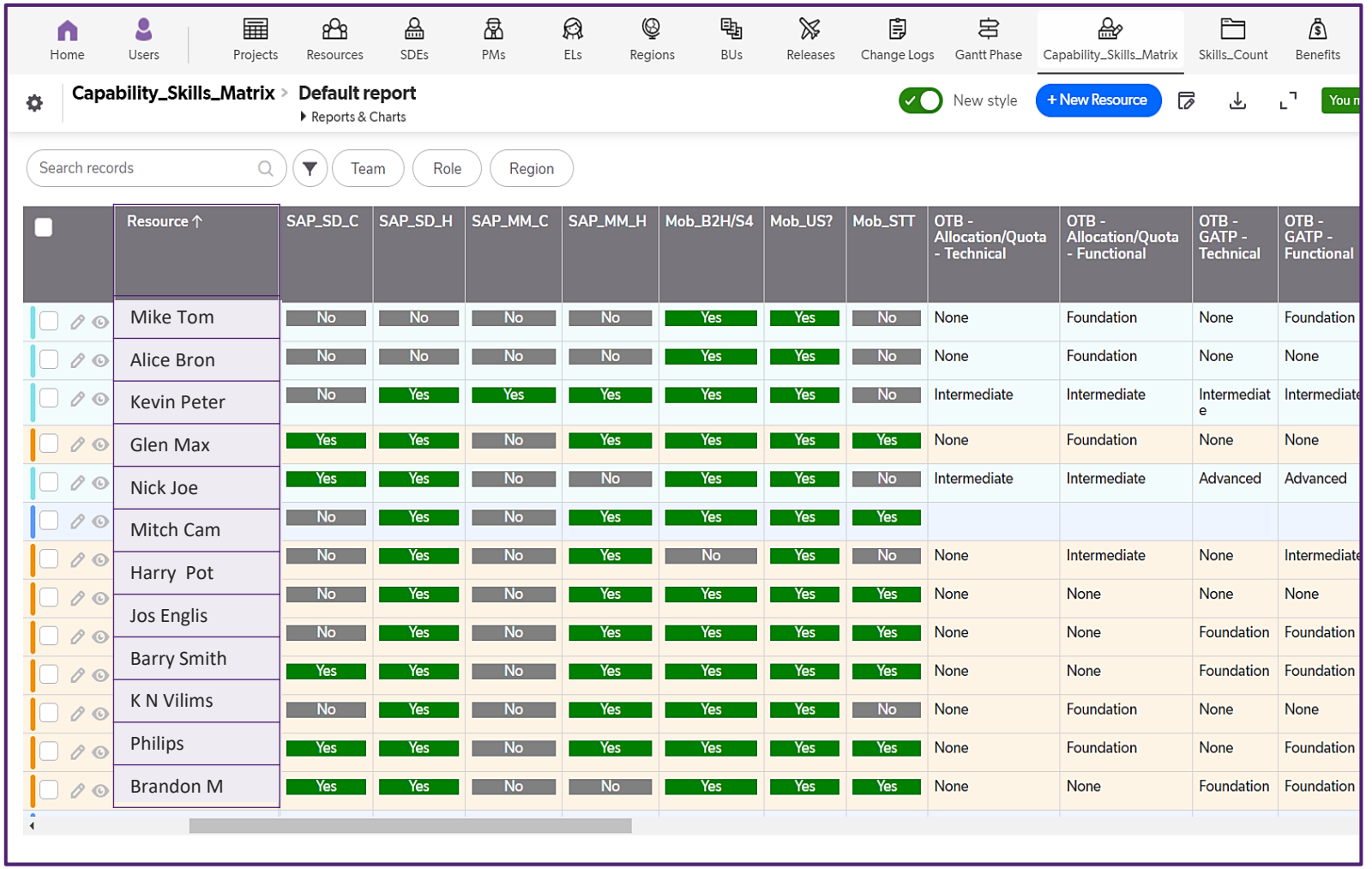
- Team Skills Repository
- Identify skill gaps.

Outcome:

- Build an App that will enable resource capture, Skills Summary & Proficiency.

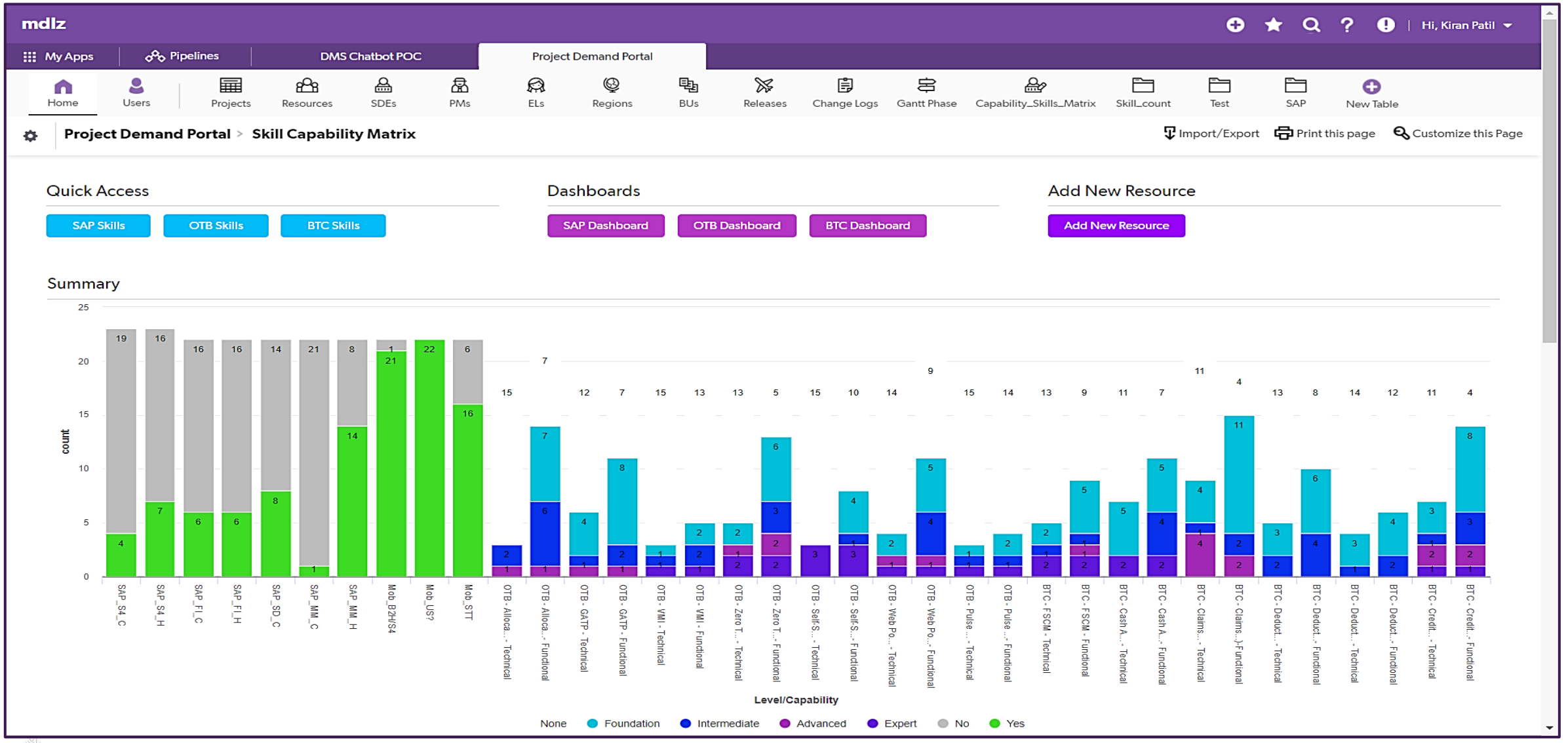
Benefits :

- Identify & understand specific skill gaps, individual learning interests within the team.
- Better allocation of the resources



Resource	SAP_SD_C	SAP_SD_H	SAP_MM_C	SAP_MM_H	Mob_B2H/S4	Mob_US?	Mob_STT	OTB - Allocation/Quota - Technical	OTB - Allocation/Quota - Functional	OTB - GATP - Technical	OTB - GATP - Functional
Mike Tom	No	No	No	No	Yes	Yes	No	None	Foundation	None	Foundation
Alice Bron	No	No	No	No	Yes	Yes	No	None	Foundation	None	None
Kevin Peter	No	Yes	Yes	Yes	Yes	Yes	No	Intermediate	Intermediate	Intermediate	Intermediate
Glen Max	Yes	Yes	No	Yes	Yes	Yes	Yes	None	Foundation	None	None
Nick Joe	Yes	Yes	No	No	Yes	Yes	No	Intermediate	Intermediate	Advanced	Advanced
Mitch Cam	No	Yes	No	Yes	Yes	Yes	Yes				
Harry Pot	No	Yes	No	Yes	No	Yes	No	None	Intermediate	None	Intermediate
Jos Englis	No	Yes	No	Yes	Yes	Yes	Yes	None	None	None	None
Barry Smith	No	Yes	No	Yes	Yes	Yes	Yes	None	None	Foundation	Foundation
K N Vilims	Yes	Yes	No	Yes	Yes	Yes	Yes	None	None	Foundation	Foundation
Philips	No	Yes	No	Yes	Yes	Yes	No	None	Foundation	None	None
Brandon M	Yes	Yes	No	Yes	Yes	Yes	Yes	None	Foundation	None	Foundation
	Yes	Yes	No	No	Yes	Yes	Yes	None	None	Foundation	Foundation

PROJECT 1: CAPABILITY SKILLS MATRIX (NCLC)



PROJECT 2: AUTOCOA POC (NLP)

AUTOCOA POC (NLP), NCLC Platform

Description : The raw material provider come up with COA's along with material and the quality analysis team manually verify it with master data whether its parameters are permissible or not

Objective :

- Automate the process of COA of raw material to be used across all the regions.

Outcome:

- Automate COA process
- Save time and efforts and cost.

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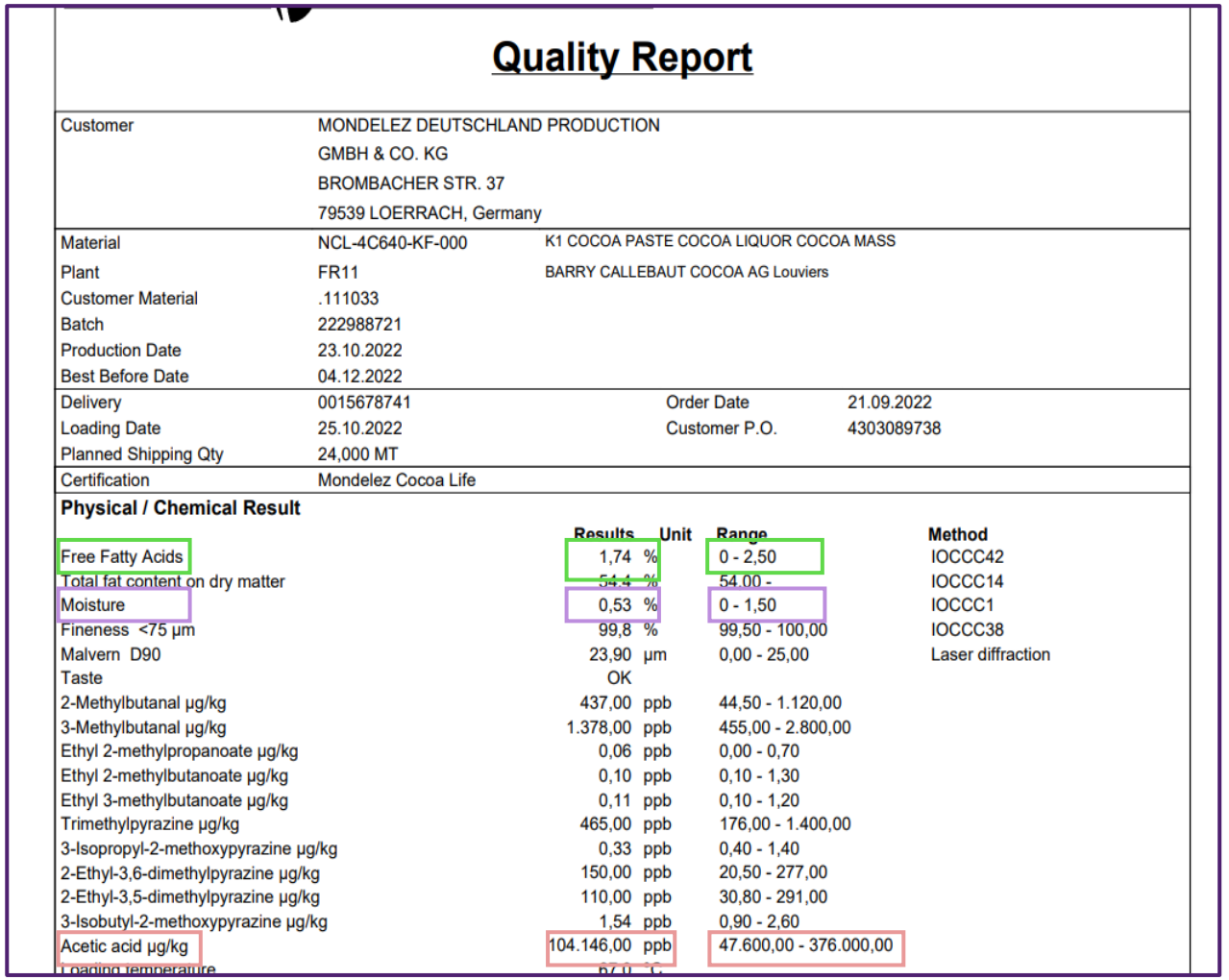

Quality Report

Customer	MONDELEZ DEUTSCHLAND PRODUCTION GMBH & CO. KG BROMBACHER STR. 37 79539 LOERRACH, Germany		
Material	NCL-4C640-KF-000	K1 COCOA PASTE COCOA LIQUOR COCOA MASS	
Plant	FR11	BARRY CALLEBAUT COCOA AG Louviers	
Customer Material	.111033		
Batch	222988721		
Production Date	23.10.2022		
Best Before Date	04.12.2022		
Delivery	0015678741	Order Date	21.09.2022
Loading Date	25.10.2022	Customer P.O.	4303089738
Planned Shipping Qty	24,000 MT		
Certification	Mondelez Cocoa Life		

Physical / Chemical Result

	Results	Unit	Range	Method
Free Fatty Acids	1,74	%	0 - 2,50	IOCCC42
Total fat content on dry matter	54,4	%	54,00 -	IOCCC14
Moisture	0,53	%	0 - 1,50	IOCCC1
Fineness <75 µm	99,8	%	99,50 - 100,00	IOCCC38
Malvern D90	23,90	µm	0,00 - 25,00	Laser diffraction
Taste	OK			
2-Methylbutanal µg/kg	437,00	ppb	44,50 - 1.120,00	
3-Methylbutanal µg/kg	1.378,00	ppb	455,00 - 2.800,00	
Ethyl 2-methylpropanoate µg/kg	0,06	ppb	0,00 - 0,70	
Ethyl 2-methylbutanoate µg/kg	0,10	ppb	0,10 - 1,30	
Ethyl 3-methylbutanoate µg/kg	0,11	ppb	0,10 - 1,20	
Trimethylpyrazine µg/kg	465,00	ppb	176,00 - 1.400,00	
3-Isopropyl-2-methoxypyrazine µg/kg	0,33	ppb	0,40 - 1,40	
2-Ethyl-3,6-dimethylpyrazine µg/kg	150,00	ppb	20,50 - 277,00	
2-Ethyl-3,5-dimethylpyrazine µg/kg	110,00	ppb	30,80 - 291,00	
3-Isobutyl-2-methoxypyrazine µg/kg	1,54	ppb	0,90 - 2,60	
Acetic acid µg/kg	104.146,00	ppb	47.600,00 - 376.000,00	
Loading temperature	67,0	°C		

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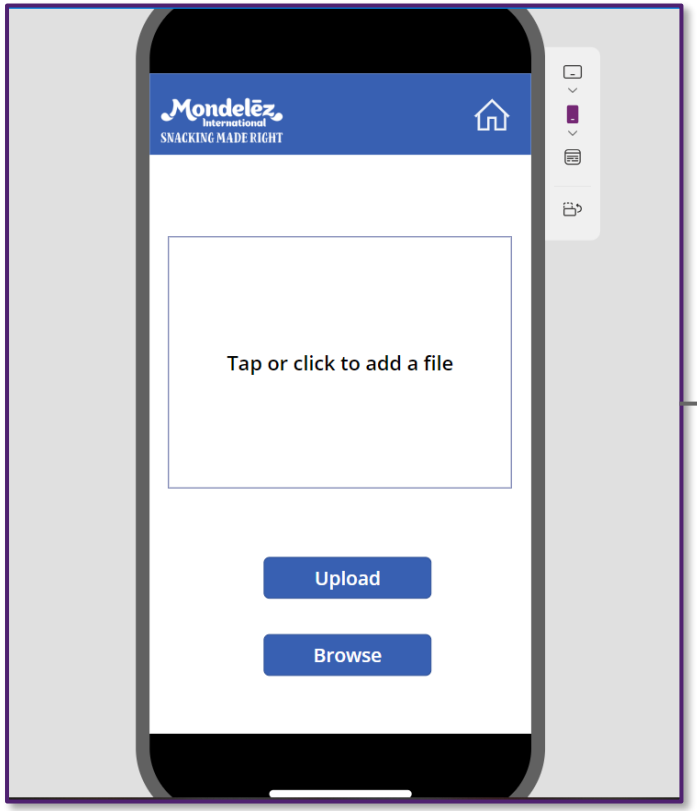
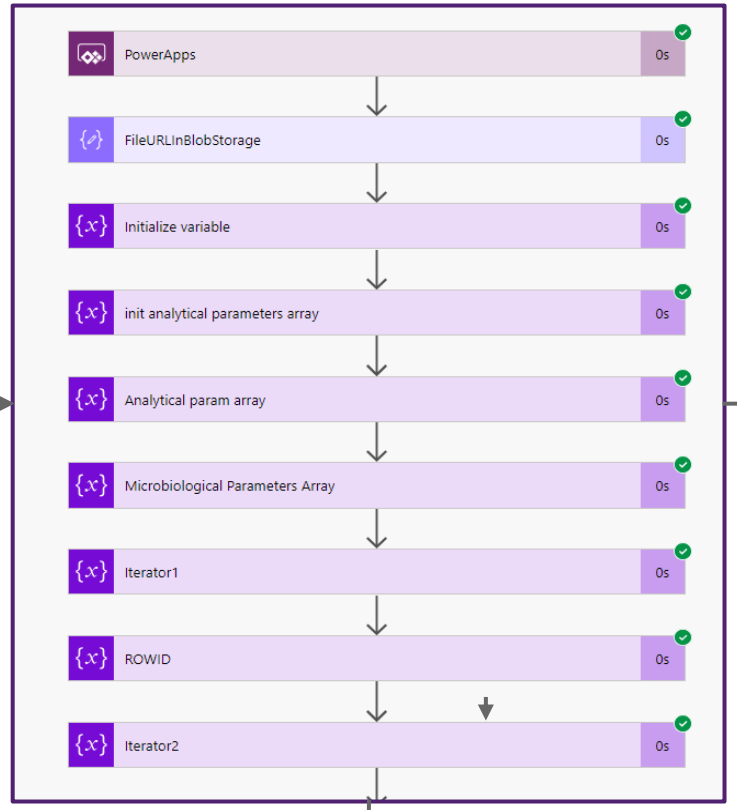
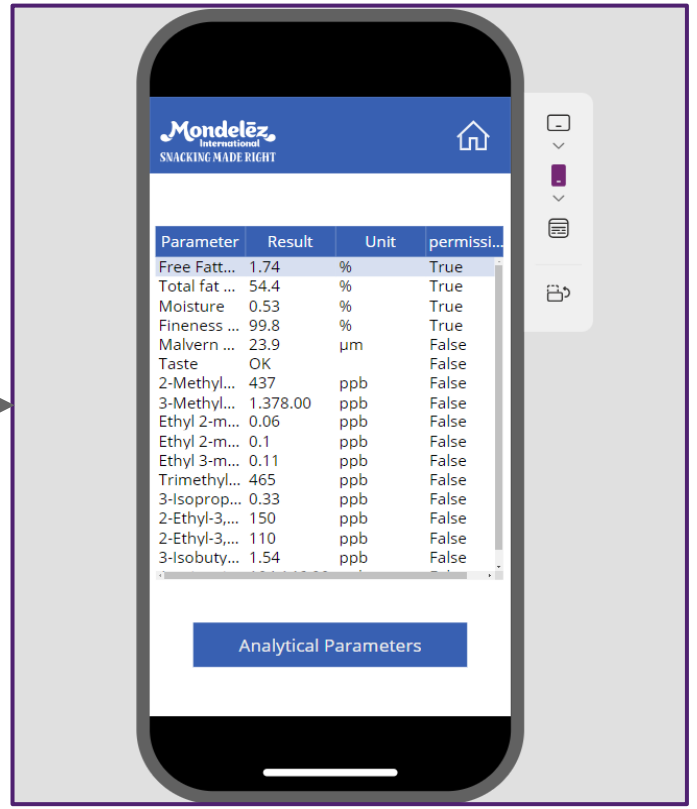
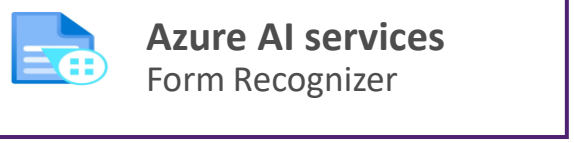
PROJECT 2: AUTOCOA POC (NLP)









PROJECT 3: BENEFITS TRACKING (NCLC)

Project 3 : Benefits Tracking

Description : There are various projects going on we track them into the Demand tool also wanted to track benefits of these projects.

Objective:
To enhance the demand tool to capture the value and benefit

Benefits :
- Better capture the value and benefit
- Performance Evaluation
- Continuous improvement
- Risk Management

Status & Timelines | Resource Allocation | Change Logs | Complete Details | Benefits

Add Benefit

Full Report | Grid Edit | Email | More | 3 Benefit records

	Project Title	Project Category	Benefit Category	PB_2023	PB_2024	PB_2025	Total_Planned_Benefits	UB_H1_2023	UB_H2_2023
	Testing	Next generation capabilities to unlock top & bottom line	Revenue Increase	$1,000.00	$2,000.00	$3,000.00	$6000	$500.00	$1,000.00
	Testing	Next generation capabilities to unlock top & bottom line	Working Capital	$2,500.00	$5,000.00	$7,000.00	$14,500	$2,000.00	$3,000.00
	Testing	Next generation capabilities to unlock top & bottom line	Cost Reduction	$500.00	$700.00	$1,000.00	$2200	$200.00	$300.00
TOT				**$4,000.00**	**$7,700.00**	**$11,000.00**	**$22,700**	**$2,700.00**	**$4,300.00**

Created on July 24 at 8:18 AM (GMT+1). Last updated by Rastogi, Sachit on July 26 at 2:46 PM (GMT+1). Owned by Patil, Kiran. (Change)

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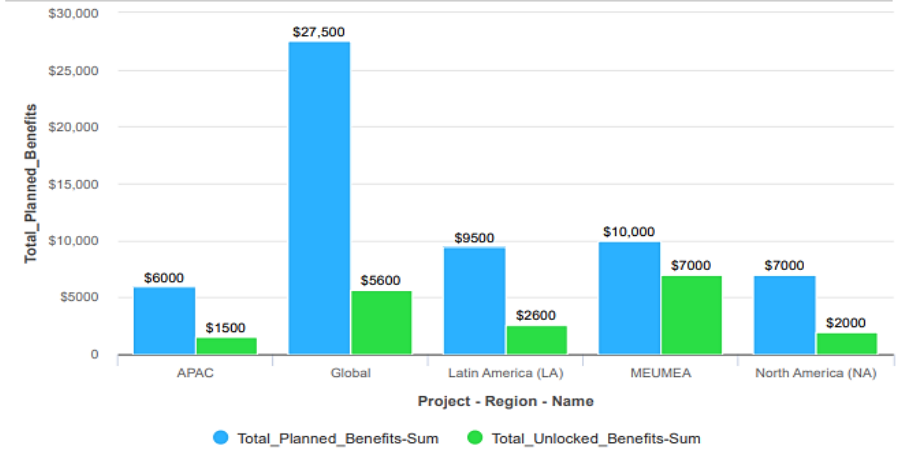
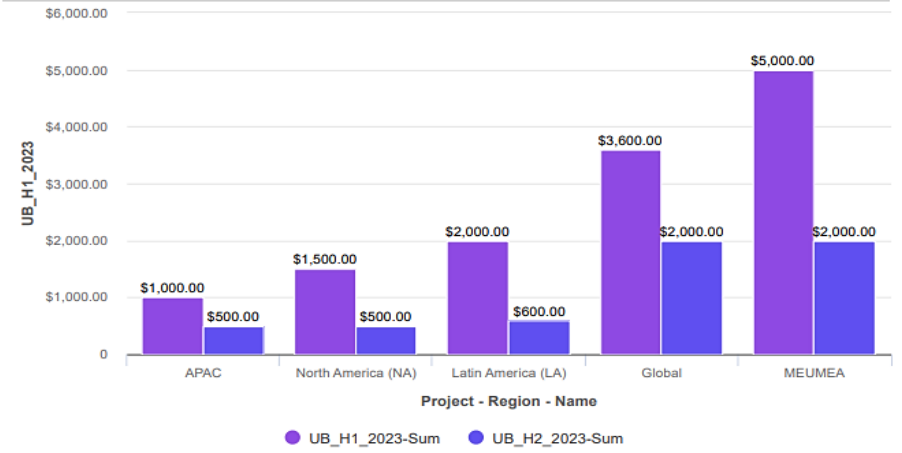
REPORTING OF BENEFITS

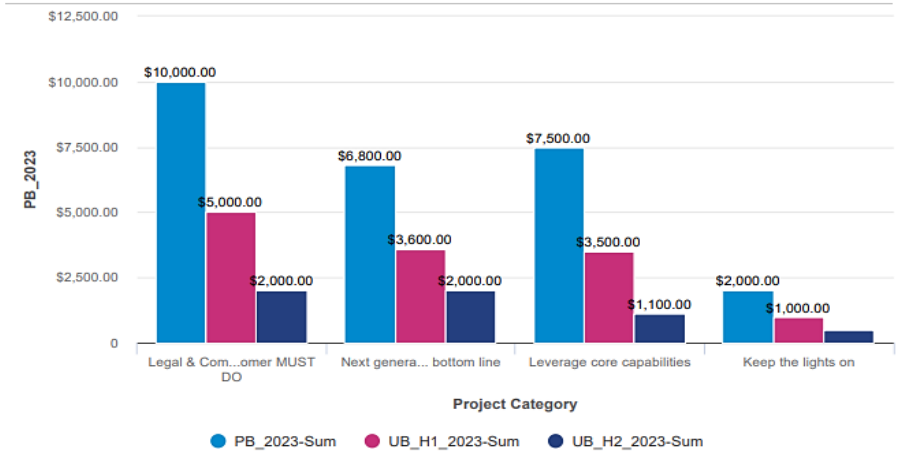
Regionwise benefits



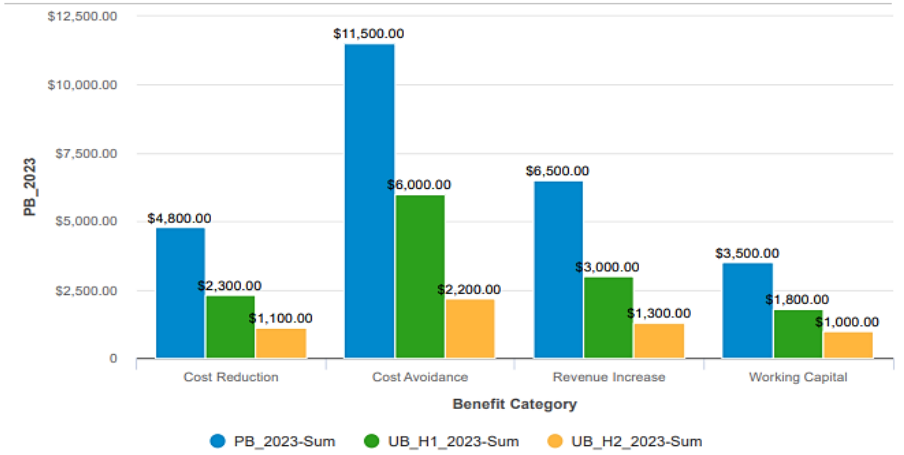
Region wise unlocked benefits



Project category wise benefits 2023



Category wise Benefits



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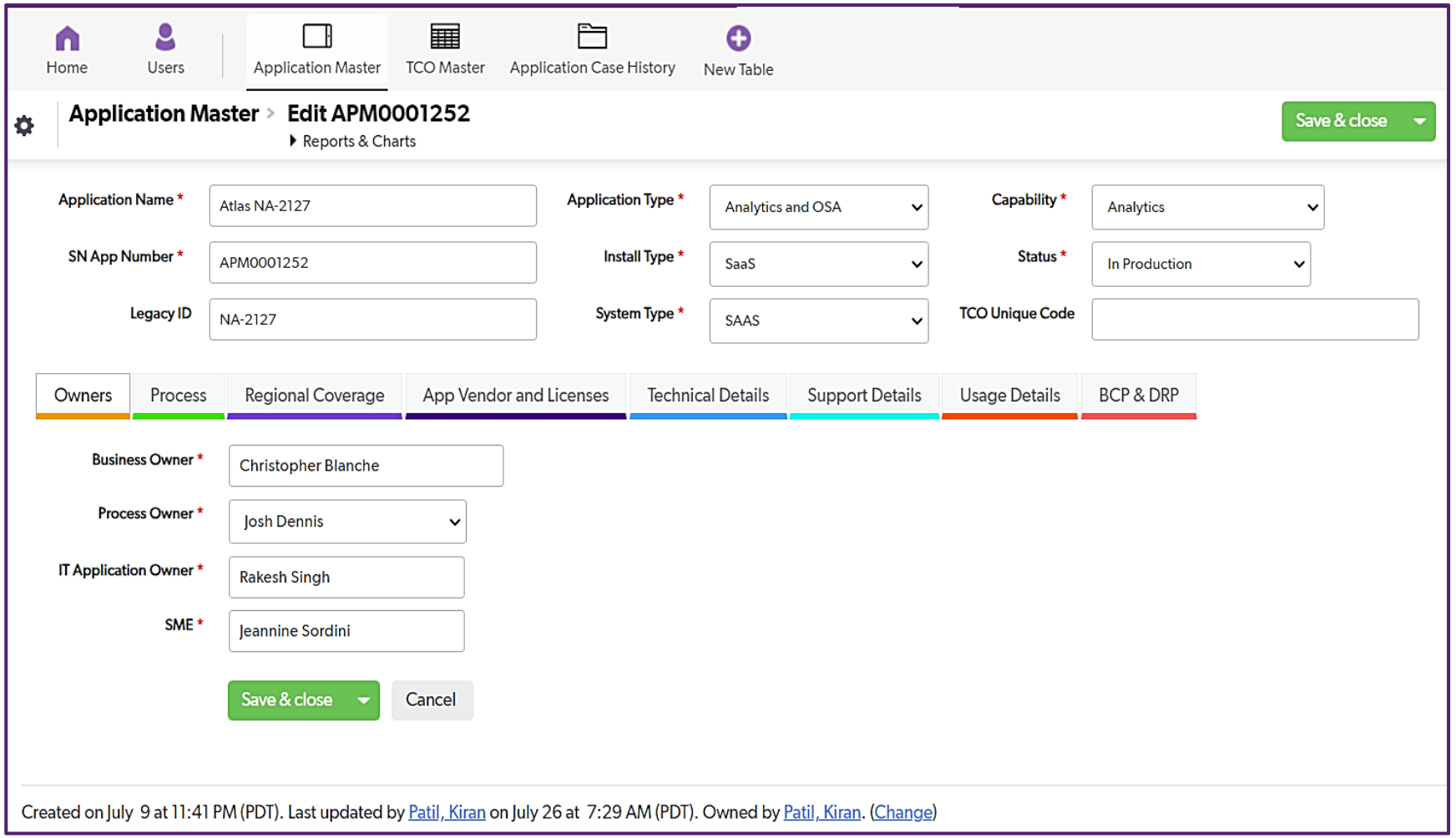
PROJECT 4: TCO APPLICATION (NCLC)

Total cost of Ownership

Description :
TCO is an app to store and track all Applications, Purchase Orders, Vendor details, and other relevant details.

Objective:
To simplify the process and move away from the conventional excel based tracking.

Benefits :
- Improved efficiency, Better data management.
- Mobility



TCO App Dashboard

PROJECT 5: PROJECT REPORTING APP (NCLC)

Description :
Automate Graphs and Issue summary generation from weekly status table on Quick base .

Objective :
To assess the weekly status of live and in-flight projects with the help of various graphs visually with a help of dashboard.

Benefits :
It's time saving and gives us real time insights with the help of enhanced data visualization and results into increased productivity.

Current Fortnight vs Last Fortnight

Project Name	Region	Lead Tower	Project Type	Status	Last_Fortnight	Current_Fortnight
Test 1	AMEA	OTC	MDS	In-Flight	🟡	🟡
Test 2	NA	OTC	MDS	In-Flight	🟡	🟡
Test 3	LA	Finance	Non Discretionary	In-Flight	🔴	🟡
Test 4	NA	OTC	M&A	In-Flight	🟡	🟡
Test 5	AMEA	OTC	Non Discretionary	In-Flight	🟢	🟡
Test 6	MEU	OTC	Non Discretionary	In-Flight	🟢	🟡
Test 7	AMEA	OTC	Non Discretionary	In-Flight	🟢	🟡
Test 8	MEU	OTC	Client	In-Flight	🟢	🟡
Test 9	NA	OTC	Non Discretionary	In-Flight	🟢	🟢
Test 10	LA	OTC	Non Discretionary	Completed	🟢	🟢
Test 11	NA	OTC	M&A	In-Flight	🟢	🟢
Test 12	MEU	OTC	Client	Live	🟡	🟢
Test 13	AMEA	OTC	Non Discretionary	In-Flight	🟢	🟢
Test 14	AMEA	OTC	Client	In-Flight	🟢	🟢
	AMEA	OTC	Non Discretionary	In-Flight	🟢	🟢

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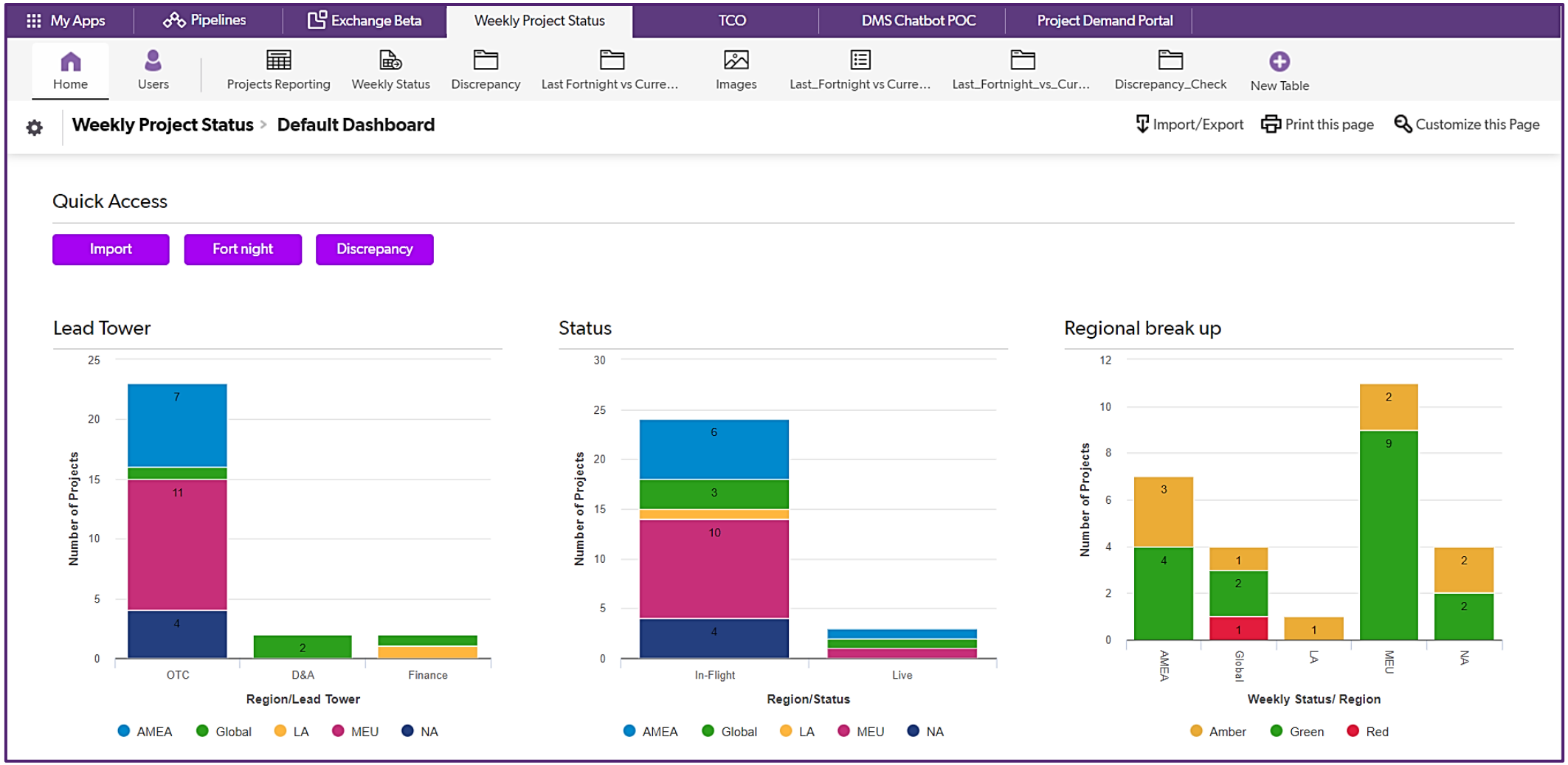
Project Reporting App Dashboard



LEARNINGS & STAKEHOLDERS

Learnings

- NCLC Platforms : QB
- Microsoft power platforms
- AI Builder
- Azure Form Recognizer
- NLP
- Data Pipelines
- Dashboards

Experience

- Corporate Experience
- Collaboration
- Adaptability
- Dealing with complexity
- Practical Application
- Teamwork

Comments

- I had really enjoyed my time at Mondelez. It was a fantastic learning experience that I will cherish throught my career.

MDS

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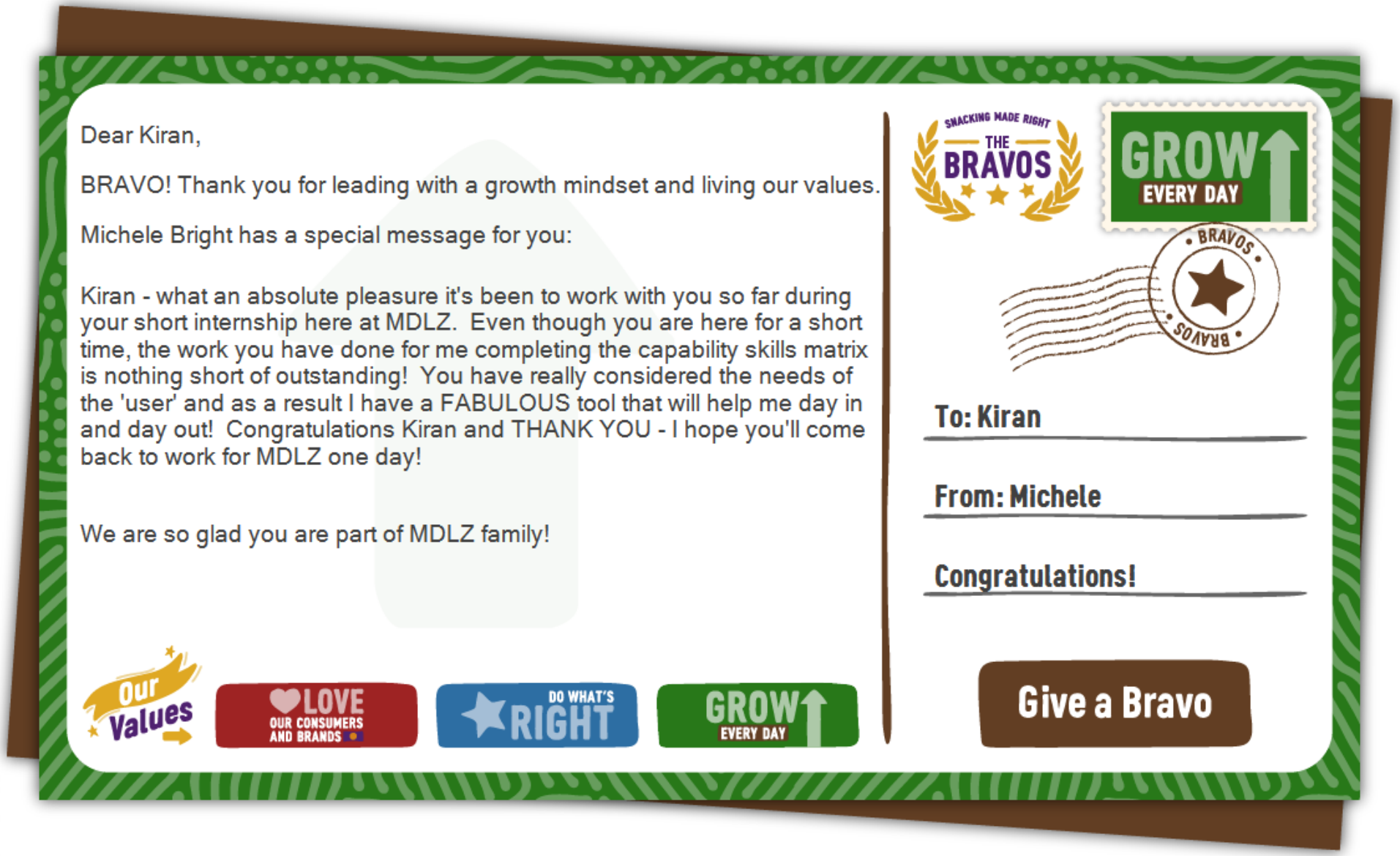
ACHIVEMENTS



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THANK YOU!

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