

**ANSRS4U
MAESTRO ENHANCEMENTS
BUDGET ENTRY & COST SHARE**

06/16/2022

BUDGET ENTRY

BUDGET FORECASTING WORKING GROUP

- Working Group with TAMUS-wide representation was initiated by the Vice President of Research (VPR)
- In Fall 2020 (FY21), Working Group formed to analyze current budget forecasting efforts and define enterprise-wide system requirements
- Maestro Steering Committee – Agency and University Heads and Executives requested initial phase of Budget Entry
 - Requirement: record awarded budgets in Maestro as a starting point for budget forecasting
- Phase I of Budget Forecasting = Budget Entry in Maestro
 - SRS implementation on 4/1/2022

BUDGET ENTRY FUNCTIONALITY

- The process for establishing projects has not changed.
 - Examples:
 - A multi-year project with carryforward requirements will continue to be established with separate accounts per year.
 - A project with budget splits will continue to be established with separate support accounts within the same account.
- There are two types of budget entry that will be used: sponsored and financial budgets.
 - Sponsored Budget: includes detailed (including specific salary and fringe figures) information per year similar to a proposal budget. This budget will be the most beneficial when making account projections.
 - Financial Budget: includes lump sum totals per year. The amounts listed in the financial budget will be posted to FAMIS.

BUDGET ENTRY FUNCTIONALITY

Current ID (M2202514)

Short Title

RINGS: Resilient Wireless Systems for Fu

Sponsor Name

National Science Foundation

Sponsor Award Number

CNS-2148354

PI

Krishna Narayanan

Lead Organization

TEES - Electrical And Computer Engineering

Performance Period

01-May-2022 - 30-Apr-2025

Budgets | Project Summary | Billing Project Summary

FAMIS Billing Project

Billing Project

Total Anticipated Amount: 1,000,000.00

Total Unallocated Anticipated Amount: 0.00

Total Sponsored Budget Amount: 1,000,000.00

Accounts

Action View **Detach**

Member	Account Number	Setup Date	Account Name	Responsible Person	Budget	Revenue Budget	Direct Budget	Indirect Budget	IDC Rate(%)	Real-Time Balance
28	522160-00000	19-Apr-2022	Rings: Resilient Wireless Systems F	Krishna Naraya...	0.00	326,144.00	0.00	0.00	0	✓
28	522160-00001	19-Apr-2022	Elec - Rings: Resilient Wireless Sy	Krishna Naraya...	288,128.00	0.00	205,998.00	82,130.00	51.5	✓
28	522160-00002	19-Apr-2022	Distance Learning - Rings: Resilien	Sunay Palsole	38,016.00	0.00	31,892.00	6,124.00	51.5	✓
Total					326,144.00	326,144.00	237,890.00	88,254.00		

Columns Hidden 15

Sponsored Budget | Financial Budget | Financial Budget History | FAMIS History

Sponsored Budget Entries

Action View **Detach**

Entry ID	Locked	Total Entry Amount	Description	Source System	Lock Reason
No data to display.					
Total					

SPONSORED BUDGET

- Reflection of *awarded* proposal budget captured in Maestro
- Budgets are loaded by sequence for the full period of performance
 - Assist with budget forecasting and budget projections – future Maestro enhancements coming
- Detail shown by support account > by budget period > by budget pool/category
- Salaries & Wages Pool and Benefits Pool displays personnel salary, fringe, and person months detail by person or role (TBD positions) across budget periods

SPONSORED BUDGET

Expense Budget

Action View         Detach

Subcode Title	Subcode	Finance Category Order	Finance Category	Current Budget (Real Time) 	Funding Periods						Sponsor Budget Total	
					Seq#1 (01-May-2022 - 30-Apr-2023)		Seq#2 (01-May-2023 - 30-Apr-2024)		Seq#3 (01-May-2024 - 30-Apr-2025)			
					Sponsor Budget	Posted	Sponsor Budget	Posted	Sponsor Budget	Posted		
Salaries & Wages Poc 	1101	1101	Salaries & Wages Pool	124,426.00	124,426.00	124,426.00	124,426.00	128,147.00	0.00	132,004.00	0.00	384,577.00
Benefits Pool 	1900	1900	Benefits Pool	23,049.00	23,049.00	23,049.00	23,049.00	23,396.00	0.00	23,757.00	0.00	70,202.00
Travel Pool 	3000	3000	Travel Pool	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	0.00	12,000.00	0.00	36,000.00
Other Operating Expe: 	4000	4000	Other Operating Expense Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Expense Pool 	5000	5000	Other Expense Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuition & Scholarship: 	5900	5900	Tuition & Scholarships	46,523.00	46,523.00	46,523.00	46,523.00	48,842.00	0.00	51,292.00	0.00	146,657.00
Participant Cost Pool 	6301	6301	Participant Cost Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital Outlay Pool 	8000	8000	Capital Outlay Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rsrv-Research/Spons 	9485	9485	Rsrv-Research/Sponsored Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indirect Cost Pool 	9600	9600	Indirect Cost Pool	82,130.00	82,130.00	82,130.00	82,130.00	84,225.00	0.00	86,397.00	0.00	252,752.00
Total				288,128.00	288,128.00	288,128.00	288,128.00	296,610.00	0.00	305,450.00	0.00	890,188.00

SPONSORED BUDGET: SALARY DETAIL

Salaries & Wages Pool

Category Lumpsum: 384,577.00

Sponsored Salary Total: 384,577.00

Note: Entered salary total exclude Fringe. Fringe amounts will be updated under Benefits category amounts

Action View



Detach

Name	Role	Funding Periods									Sponsored Salary Total	Fringe Total	Total Person Months
		Seq #1 (01-May-2022 - 30-Apr-2023)			Seq #2 (01-May-2023 - 30-Apr-2024)			Seq #3 (01-May-2024 - 30-Apr-2025)					
		Sponsored Salary	Sponsored Fringe	Person Months	Sponsored Salary	Sponsored Fringe	Person Months	Sponsored Salary	Sponsored Fringe	Person Months			
Jean-Francois C	Co-PI	16,669.00	3,855.00	1.0	17,169.00	3,947.00	1.0	17,684.00	4,043.00	1.0	51,522.00	11,845.00	3.0
Krishna Narayan	PI	20,645.00	4,590.00	1.0	21,265.00	4,705.00	1.0	21,903.00	4,823.00	1.0	63,813.00	14,118.00	3.0
Sebastian Hoyos	Co-PI	13,499.00	3,268.00	1.0	13,904.00	3,343.00	1.0	14,321.00	3,420.00	1.0	41,724.00	10,031.00	3.0
To Be Determine	Graduate Stu	73,613.00	11,336.00	16.4	75,809.00	11,401.00	16.4	78,096.00	11,471.00	16.4	227,518.00	34,208.00	49.1
Total		124,426.00	23,049.00	19.4	128,147.00	23,396.00	19.4	132,004.00	23,757.00	19.4	384,577.00	70,202.00	58.1

FINANCIAL BUDGET

- SRS has the ability to post directly from Maestro to FAMIS
- Corresponds to obligated funds posted in FAMIS
- Detailed salary information cannot be seen within this budget option; however, sequence views are still available

FINANCIAL BUDGET

Expense Budget

Action View          Detach

Subcode Title	Subcode	Finance Category	Category Budget (Real Time) 	Funding Periods								
				Seq#1 (01-May-2022 - 30-Apr-2023)			Seq#2 (01-May-2023 - 30-Apr-2024)			Seq#3 (01-May-2024 - 30-Apr-2025)		
				Sponsor Budget	Posted	For Posting	Sponsor Budget	Posted	For Posting	Sponsor Budget	Posted	For Posting
Salaries & Wages Poc 	1101	Salaries & Wag	124,426.00	124,426.00	124,426.00		128,147.00	0.00		132,004.00	0.00	
Benefits Pool 	1900	Benefits Pool	23,049.00	23,049.00		23,396.00	0.00		23,757.00	0.00		
Travel Pool 	3000	Travel Pool	12,000.00	12,000.00		12,000.00	0.00		12,000.00	0.00		
Other Operating Expe 	4000	Other Operatin...	0.00	0.00			0.00			0.00		
Other Expense Pool 	5000	Other Expense ...	0.00	0.00			0.00			0.00		
Tuition & Scholarship: 	5900	Tuition & Schol...	46,523.00	46,523.00		48,842.00	0.00		51,292.00	0.00		
Participant Cost Pool 	6301	Participant Cos...	0.00	0.00			0.00			0.00		
Capital Outlay Pool 	8000	Capital Outlay ...	0.00	0.00			0.00			0.00		
Rsrv-Research/Spons 	9485	Rsrv-Research/...	0.00	0.00			0.00			0.00		
Indirect Cost Pool 	9600	Indirect Cost P...	82,130.00	82,130.00		84,225.00	0.00		86,397.00	0.00		
		Total	288,128.00	288,128.00	0.00	296,610.00	0.00	0.00	305,450.00	0.00	0.00	

FINANCIAL BUDGET AND FAMIS

Expense Budget

Action View + X [Icons] Detach

Subcode Title	Subcode	Finance Category	Category Budget (Real Time) ?	Seq#1 (01-May-2022 - 30-Apr-2023)		
				Sponsor Budget	Posted	For Posting
Salaries & Wages Poc	1101	Salaries & Wag	124,426.00	124,426.00	124,426.00	
Benefits Pool	1900	Benefits Pool	23,049.00	23,049.00	23,049.00	
Travel Pool	3000	Travel Pool	12,000.00	12,000.00	12,000.00	
Other Operating Expe	4000	Other Operatin...	0.00		0.00	
Other Expense Pool	5000	Other Expense ...	0.00		0.00	
Tuition & Scholarship:	5900	Tuition & Schol...	46,523.00	46,523.00	46,523.00	
Participant Cost Pool	6301	Participant Cos...	0.00		0.00	
Capital Outlay Pool	8000	Capital Outlay ...	0.00		0.00	
Rsrv-Research/Spons	9485	Rsrv-Research/...	0.00		0.00	
Indirect Cost Pool	9600	Indirect Cost P...	82,130.00	82,130.00	82,130.00	
		Total	288,128.00	288,128.00	288,128.00	0.00

1101	124426.00
1900	23049.00
3000	12000.00
4000	
5000	
5900 R P	46523.00
6301 R P	
8000 R P	
9485	
***	205998.00
9600	82130.00
****	288128.00

DEMO

Example: M2202514

- Sponsor: National Science Foundation
- Period of Performance (POP): 3 years (5/1/2022 – 4/30/2025)
 - Each year of funding will be received separately.
- Lead Org: TEES
 - PI + Co-PI – ELEN
 - Co-PI – Distance Learning (DLEN)
 - Resulting in separate support accounts for each department

MAESTRO ROLES

- Project Viewer Role
 - Project Module - Budgets
 - View access to Sponsored Budget:
 - Category breakout per budget/funding period
 - Personnel detail - *could be used as a source for determining payroll allocations by project*

MAESTRO ROLES

- Researcher Reviewer Role
 - Researcher Portal – Projects
 - View access to Sponsored Budget – category breakout per budget/funding period

The screenshot displays the MAESTRO system interface. At the top, there is a navigation bar with several tabs: Relationship, General, Personnel, Modifications & Documents, Negotiation History, Compliance, Reporting Codes, Deliverables, SPS Report, and Budget. The 'Budget' tab is highlighted with a blue circle. Below the navigation bar, the 'Sponsored Budget Summary' tab is also highlighted with a blue circle. The main content area is divided into two sections. On the left, there is a table titled 'Sponsored Budget Amount By Funding Period' which shows budget amounts for three periods and a total. On the right, there is a bar chart titled 'Cumulative Sponsored Budget Vs Total Award Amount' comparing the cumulative sponsored budget to the total awarded amount.

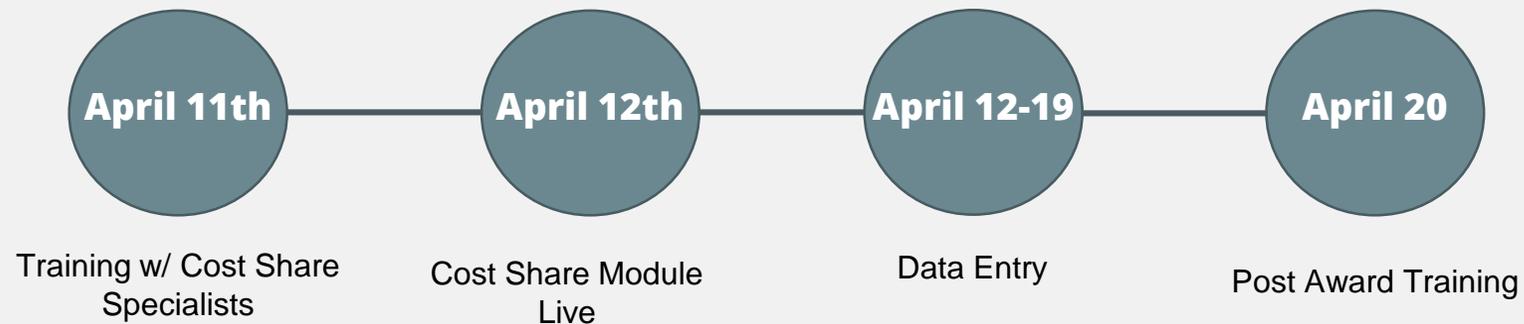
	Period 1 (01-May-2022 - 30-Apr-2023)	Period 2 (01-May-2023 - 30-Apr-2024)	Period 3 (01-May-2024 - 30-Apr-2025)	Total
Salaries & Wages Pool	134,071.00	138,081.00	142,236.00	414,388.00
Benefits Pool	25,296.00	25,697.00	26,113.00	77,106.00
Travel Pool	12,000.00	12,000.00	12,000.00	36,000.00
Tuition & Scholarships	46,523.00	48,842.00	51,292.00	146,657.00
Capital Outlay Pool	20,000.00	19,189.00	15,000.00	54,189.00
Indirect Cost Pool	88,254.00	90,526.00	92,880.00	271,660.00
Total	326,144.00	334,335.00	339,521.00	1,000,000.00

The bar chart on the right shows two bars: a blue bar for 'Cumulative Sponsored Budget' and a green bar for 'Total Awarded Amount'. Both bars reach the 1.0M mark on the y-axis, indicating that the cumulative sponsored budget is equal to the total awarded amount.

COST SHARE

COST SHARE WORKING GROUP

- Previously, Cost Share requirements and expenditures were housed in FAMIS SPR but did not provide the full functionality needed to monitor expenses
 - Report preparations were a manual process
 - Lack of transparency
 - Numerous manual accounting entries needed to maintain cost share data



COST SHARING REQUIREMENTS

Cost Sharing Period Information

* Period Begin Date 26-Apr-2021
 * Period End Date 25-Jul-2022

Total Required 424,660.00
 * Period Status Active

Total Actual 176,398.13
 Cost Sharing Specialist Katie Thomas

Cost Sharing Requirements Cost Sharing Transactions Cost Sharing Notes

Direct and Indirect budget defined

Reports required by sponsor

Cost Sharing Requirements By Account

Action View + X [Icons] ? [Icons] Detach

Report	* Mandatory / Voluntary	Cost Sharing Group	* Member	* Account	Cost Sharing Organization	Primary Responsible	Unrecovered IDC Rate (%)	Unrecovered IDC Base	Direct Required	Unrecovered IDC Required	Total Required	Description
<input checked="" type="checkbox"/>	Mandatory	Member Cost	TAMU	207730-19100	Mechanical Engineering	John Hurtado	51.5	MTDC15	17,523.00	5,564.00	23,087.00	MEEN-GRAD STUD/SAL/FRI/TUITIOI
<input checked="" type="checkbox"/>	Mandatory	Member Cost	TAMU	207740-19100	Materials Science And En...	John Hurtado	51.5	MTDC15	69,293.00	22,065.00	91,358.00	MSEN-GRAD STUD-SAL/FRINGES
<input checked="" type="checkbox"/>	Mandatory	Member Cost	TEES	235977-00000	Materials Science And En...	Ibrahim Karaman	51.5	MTDC15	19,141.92	9,858.08	29,000.00	MSEN SHOP SUPPLIES NO IDC
<input checked="" type="checkbox"/>	Mandatory	In Kind			Texas A&M Univers				240,000.00		240,000.00	IN-KIND HPRC COMPUTING SERVI
<input checked="" type="checkbox"/>	Mandatory	Sub-awardee Cc			Thermo-Calc Softw				12,392.00		12,392.00	SUB:THERMO-CALC SOFTWARE
<input checked="" type="checkbox"/>	Mandatory	Sub-awardee Cc			Brown University				28,823.00		28,823.00	SUB:BROWN UNIVERSITY
Total									387,172.92	37,487.08	424,660.00	

Mandatory vs. Voluntary commitment as outlined in the proposal

Columns Hidden 4

REQUIREMENT DETAILS

- New data entry field not previously required in FAMIS SPR
- Detailed budget is entered per cost share requirement line
- This detail will populate on the generated report.

▲ Detailed Requirements For TAMU 207740-19100

Action ▾ View ▾         Detach

Maestro Category ▲ ▾	Direct Required	Category Description Detail
Salaries ▾	36,720.00	TBN- Grad Student
Benefits ▾	6,124.00	TBN- Grad Student
Scholarships ▾	26,449.00	TBN- Grad Student
Total	69,293.00	

Columns Hidden 4

COST SHARING TRANSACTIONS

Cost Sharing Requirements | **Cost Sharing Transactions** | Cost Sharing Notes

▲ Cost Sharing Requirements And Actuals Summary By Account

Action ▾ View ▾      Detach

Reportable	Cost Sharing Group	Member	Account Number	Cost Sharing Organization	Required			Actuals			Remaining		
					Direct	Unrecovered IDC	Total	Direct	Unrecovered IDC	Total	Direct	Unrecovered IDC	Total
✓	Member Cost	TAMU	207730-19100	Mechanical Engineering	17,523.00	5,564.00	23,087.00	0.00	0.00	0.00	17,523.00	5,564.00	23,087.00
✓	Member Cost	TAMU	207740-19100	Materials Science And Engineering	69,293.00	22,065.00	91,358.00	32,211.12	11,063.79	43,274.91	37,081.88	11,001.21	48,083.09
✓	Member Cost	TEES	235977-00000	Materials Science And Engineering	19,141.92	9,858.08	29,000.00	19,103.82	9,408.44	28,512.26	38.10	449.64	487.74
✓	In Kind			Texas A&M University	240,000.00	0.00	240,000.00	74,100.00	0.00	74,100.00	165,900.00	0.00	165,900.00
✓	Sub-awardee Cost			Thermo-Calc Software Inc	12,392.00	0.00	12,392.00	7,087.50	0.00	7,087.50	5,304.50	0.00	5,304.50
✓	Sub-awardee Cost			Brown University	28,823.00	0.00	28,823.00	23,423.46	0.00	23,423.46	5,399.54	0.00	5,399.54
Total					387,172.92	37,487.08	424,660.00	155,925.90	20,472.23	176,398.13	231,247.02	17,014.85	248,261.87

Actual expenses divided between direct and indirect costs

▲ Cost Sharing Requirements And Actuals Summary By Category For 207740-19100

Action ▾ View ▾   Detach

Maestro Category	Member	Account Number	Cost Sharing Organization	Total Required	Actuals	Remaining Required
Salaries	TAMU	207740-19100	Materials Science And Engineering	36,720.00	19,125.00	17,595.00
Benefits	TAMU	207740-19100	Materials Science And Engineering	6,124.00	2,358.10	3,765.90
Scholarships And Fellowships	TAMU	207740-19100	Materials Science And Engineering	26,449.00	10,728.02	15,720.98
Unrecovered IDC on cost sharing	TAMU	207740-19100	Materials Science And Engineering	22,065.00	11,063.79	11,001.21
Total				91,358.00	43,274.91	48,083.09

Transactions are further categorized by the defined budget on the requirements tab

COST SHARING REPORT

- Reports can automatically be generated out of Maestro
- The report can be defined by date to coincide with reporting periods as required by the sponsor.

Columns Hidden 11

Accounts Invoices Cost Sharing

Billing Project Cost Sharing Periods (5191000000)

Action View + [Print Icon] [Export Icon]

* Begin Date dd-mmm-yyyy * End Date dd-mmm-yyyy

Example: 13-Jun-2022

Generate Cancel

Period	Cost Sharing Specialist	Period Begin Date	Period End Date	Period Status	Total Required	Total Actual
1	Katie Thomas	26-Apr-2021	25-Jul-2022	Active	424,660.00	176,398.13
				Total	424,660.00	176,398.13

Columns Hidden 4

DEMO – EX: M2102066

- Sponsor: DOE- ARPA-E
- Cost Share Group:
 - Member Cost
 - 2 MSEN Accounts
 - 1 MEEN Account
 - In Kind
 - TAMU Computing Services
 - Sub-awardee Cost
 - Thermo-Cal Software
 - Brown University

CHANGES TO SPONSORED PROJECT SUMMARY (SPS)



Sponsored Project Summary - M2201960

Assessing treatment efficacy of benznidazole for curing *Trypanosoma cruzi* infection and improving clinical outcome in client-owned, naturally-infected dogs with Chagas disease
AL-RSRCH - Veterinary Integrative Biosciences

Action: 1-New Award

Description: Initial agreement

Prime Sponsor:

CFDA:

Sponsor: American Veterinary Medical Foundation

Funding Type: Cost Reimbursable

Action Amount: \$ 30,000.00

Award #: M2201960

Proposal(s): 2111222

ABR Rule: 010

Period: 01-Feb-2022 - 31-Jan-2024

Cost Share: Contribution is required,
please review requirements in Maestro.

Notes:

Animal costs are not allowable. Pending AUP approval

COST SHARING SEARCH SCREEN

Cost Sharing Search

Search Bas

Match All Any

Maestro ID Starts with

Billing Project Starts with

Billing Project Status Equals

Billing Project Sponsor Equals

Lead Organization Equals

Lead Member Equals

Cost Sharing Member Equals

Cost Sharing Account Equals

Period Status Equals

Cost Sharing Specialist Equals

Project Administrator Equals

PI Equals

Administrative Organization Equals

Cost Sharing Organization Equals Materials Science And Engineering

Sub-awardee / In Kind Organization Equals

Cost Sharing Group Equals

Mandatory / Voluntary Equals

Reportable Equals

Primary Responsible Equals

% Time Passed Greater than

% Met of Cost Share Greater than

Anticipated Cost Sharing Variance Contains

Action

Maestro ID	Lead Member	Administrative Organization	Billing Project	PI	Billing Project Status	Period	Cost Sharing Group	Period Begin Date	Period End Date	Cost Sharing Member	Cost Sharing Account	Cost Sharing Organization	Sub-awardee / In Kind Organization	Primary Respon
M2201038	TEES	SRS	5210000000	Ibrahim Karaman	Active	1	Member Cost	01-Jan-2022	23-Sep-2022	TAMU	24189221000	Materials Scienc...		Ibrahim
M2200322	TEES	SRS	5204000000	Homero Castane...	Active	1	Member Cost	01-Aug-2021	31-Jan-2023	TAMU	13202820400	Materials Scienc...		Ibrahim
M2103530	TEES	SRS	5201900000	Miladin Radovic	Active	1	Member Cost	01-Aug-2021	31-Jan-2023	TAMU	24189220190	Materials Scienc...		Ibrahim
M2103525	TEES	SRS	5202000000	Miladin Radovic	Active	1	Member Cost	01-Aug-2021	30-Sep-2022	TAMU	24189220200	Materials Scienc...		Ibrahim
M2102066	TEES	SRS	5191000000	Raymundo Arroy...	Active	1	Member Cost	26-Apr-2021	25-Jul-2022	TAMU	20774019100	Materials Scienc...		John Hu
M2100985	TEES	SRS	5182900000	Ankit Srivastava	Active	1	Member Cost	15-Dec-2020	30-Sep-2022	TAMU	24189218290	Materials Scienc...		Ibrahim
M2100215	TEES	SRS	5175600000	Miladin Radovic	Active	1	Member Cost	01-Aug-2020	31-Jan-2022	TAMU	24189217560	Materials Scienc...		Ibrahim
M2100215	TEES	SRS	5175600000	Miladin Radovic	Active	1	Member Cost	01-Aug-2020	31-Jan-2022	TAMU	24823517560	Materials Scienc...		Ibrahim
M2100199	TEES	SRS	5175400000	Homero Castane...	Closing	1	Member Cost	01-Aug-2020	31-Jan-2022	TAMU	13202817540	Materials Scienc...		Ibrahim
M2100199	TEES	SRS	5175400000	Homero Castane...	Closing	1	Member Cost	01-Aug-2020	31-Jan-2022	TAMU	20774017540	Materials Scienc...		John Hu

QUESTIONS