

Portfolio

by

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The University of Texas at Dallas

Masters in Information Technology and Management

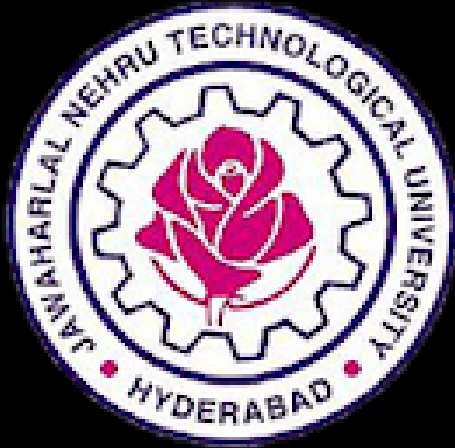
(Focused on Business Intelligence and Analytics)

Agenda

- Background
- Work Experience
- Projects

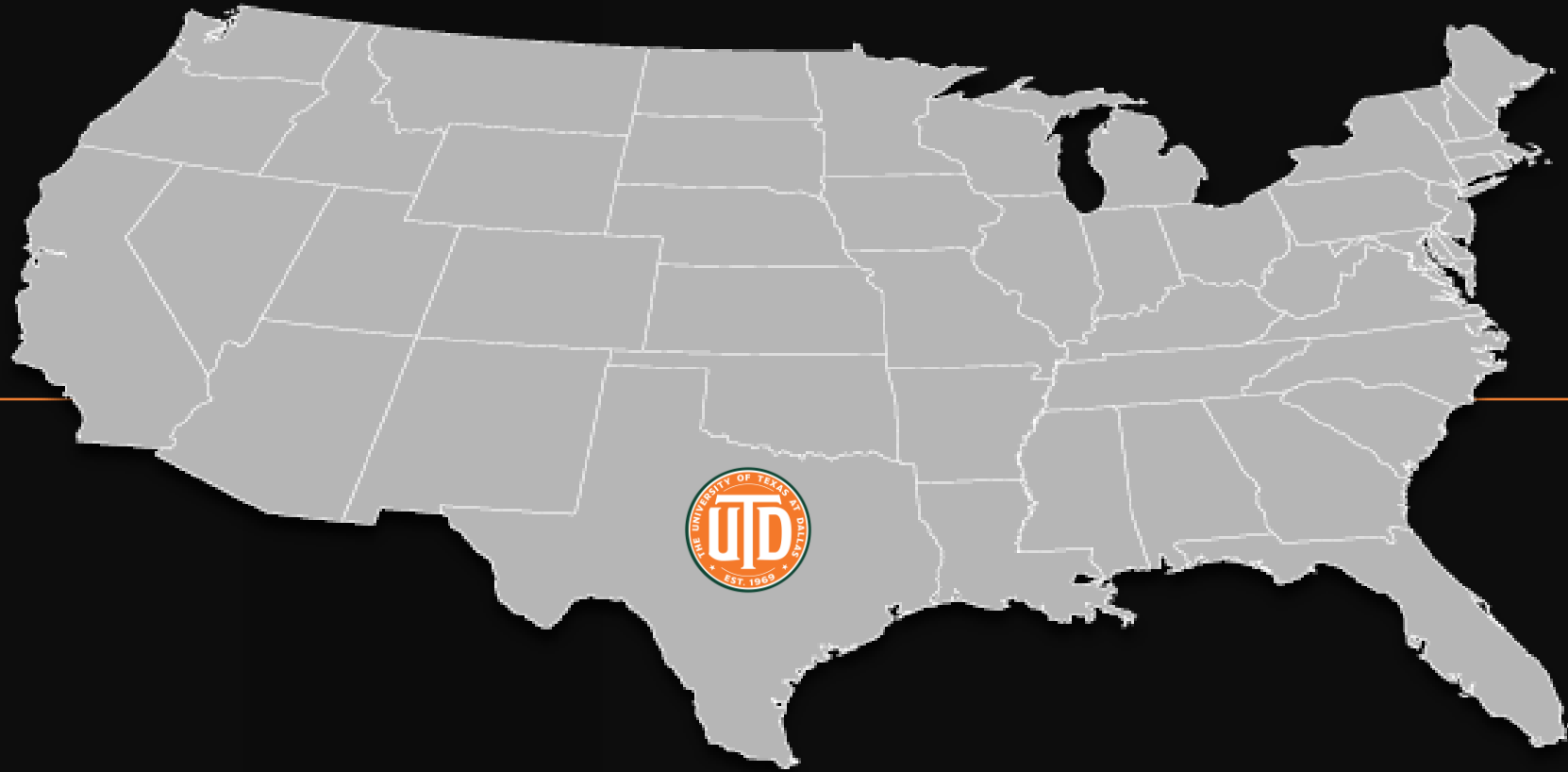


Early Education



Undergraduate

Graduation



Masters in Information Technology and Management
Focused in Business Intelligence and Analytics (Data Science)



Data Analyst Intern



Logistics Data Analyst Associate



Data Scientist Intern



Data Science Intern



Business Intelligence Analyst



Open-Source Collaborator

Experience



Database Analyst



Directors



Leaders of Program



Project Managers



Finance Team

Stakeholders

Main Projects

- Mask R CNN for Object Detection and Segmentation
- Space Planning Analysis
- Milestones Summary for Page Mill Office Floorplans
- Quarterly Budgetary Forecast
- Retrieval Based Search Engines using LLM
- Automated systems at Fremont Unified School District using Power Apps, Power BI, and Power Automate.

- Following the announcement of 100% on-site, assisted the Inside Tesla team in updating the employee location information
- Analysis of desk requirements based on headcount and capacity
- Aided in changing desk arrangements for business purposes
- Acknowledged by Tesla's top executives as an effective space planning solution, it was subsequently brought to the attention of Elon Musk

Employee Location and Desk Assignment

**** Share the link to this app with all People Managers on your team ****

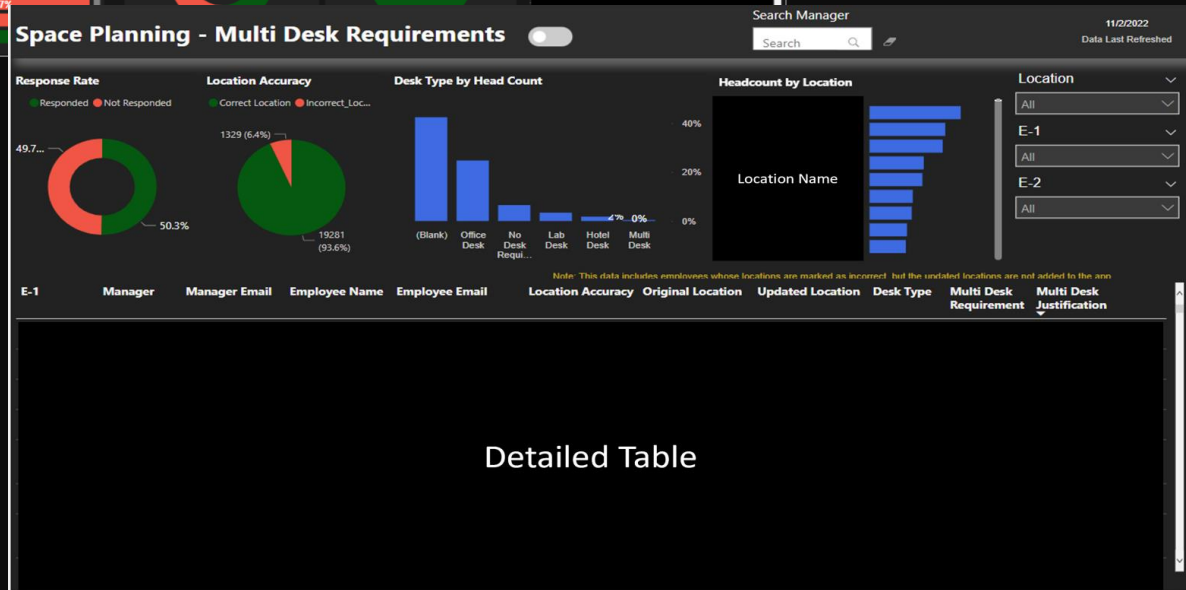
Employee Info	System Location	Desk Assignment Type
Employee Name and Designation Gayatri Sharma Kurmatey Intern	<input checked="" type="radio"/> This Location is Correct	<input type="checkbox"/> 2+ desks needed?
	<input type="radio"/> What is the correct location? <input type="text"/>	<input type="checkbox"/> 2+ desks needed?
	<input checked="" type="radio"/> This Location is Correct	<input type="checkbox"/> 2+ desks needed?
	<input type="radio"/> Office Desk	<input type="checkbox"/> 2+ desks needed?
	<input checked="" type="radio"/> This Location is Correct	<input type="checkbox"/> 2+ desks needed?
	<input type="radio"/> Office Desk	<input type="checkbox"/> 2+ desks needed?
	<input checked="" type="radio"/> This Location is Correct	<input type="checkbox"/> 2+ desks needed?
	<input type="radio"/> Office Desk	<input type="checkbox"/> 2+ desks needed?

CS E-1 All

224 total Managers
1767 Managers responded
2457 Managers not responded

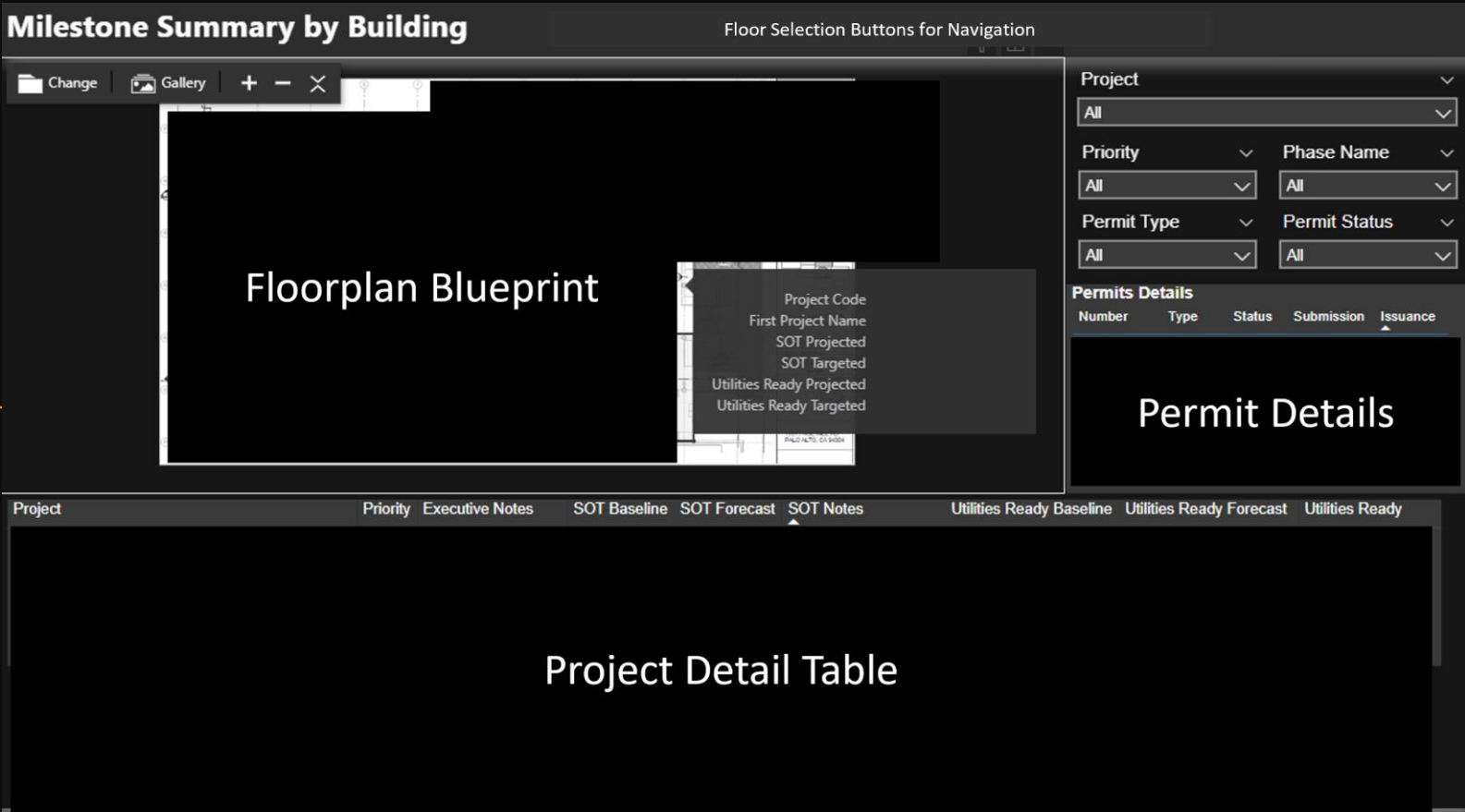
Breakdown

E-2	Director -1	Director -2	Director -3	Director -4	Director -5	Director -6	Status
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	N/A	
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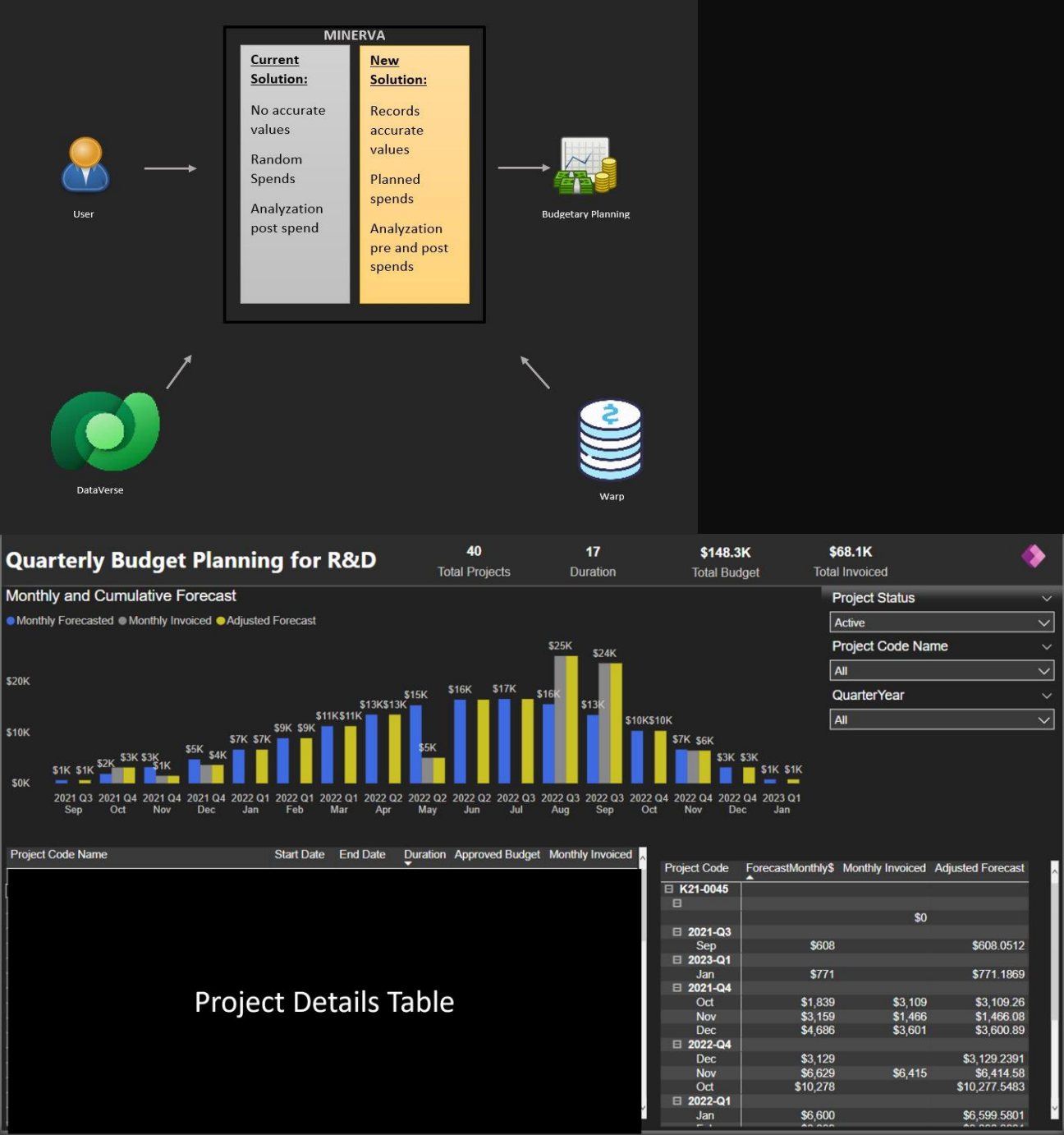
Milestone Summary

- Hover-over summary of Milestones
- Details on Permits
- Color coded project priority
- Project and/or lab wise summary view



Quarterly Budgetary Forecast

- Aids in optimal funds planning and accurate figures
- Re-adjusts forecasts for on-going projects
- Side-by-side comparison of forecasted and invoiced funds
- Recognized by director of Tesla



The End