

SAP S/4HANA Fiori Navigation – Global Bike Case Study

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SAP Version: SAP S/4HANA 2022 with Fiori 3.0

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1. Introduction

SAP S/4HANA is SAP's next-generation enterprise resource planning (ERP) suite built on the advanced in-memory platform SAP HANA. The Fiori Launchpad offers a role-based, intuitive user experience using modern web design principles. This project explores navigation within the S/4HANA system using the Global Bike training model, focusing on user interface, personalization, and functional app interaction.

2. Objectives

- To understand SAP Fiori Launchpad and its role-based architecture.
- To perform navigation tasks like searching, accessing apps, and interacting with business objects.
- To distinguish between transactional, analytical, and fact sheet apps.
- To explore settings customization and data export features.

3. Methodology

This project uses the Global Bike Navigation Case Study provided by SAP UCC. Guided learning was conducted on the SAP S/4HANA 2022 system with Fiori 3.0. Exercises were completed step-by-step as per case study instructions, and screenshots were captured for each activity.

4. Execution - Step-by-Step Navigation with Screenshots

Step 1: Log on to SAP Fiori Launchpad

- Action: Login using provided credentials, change password.

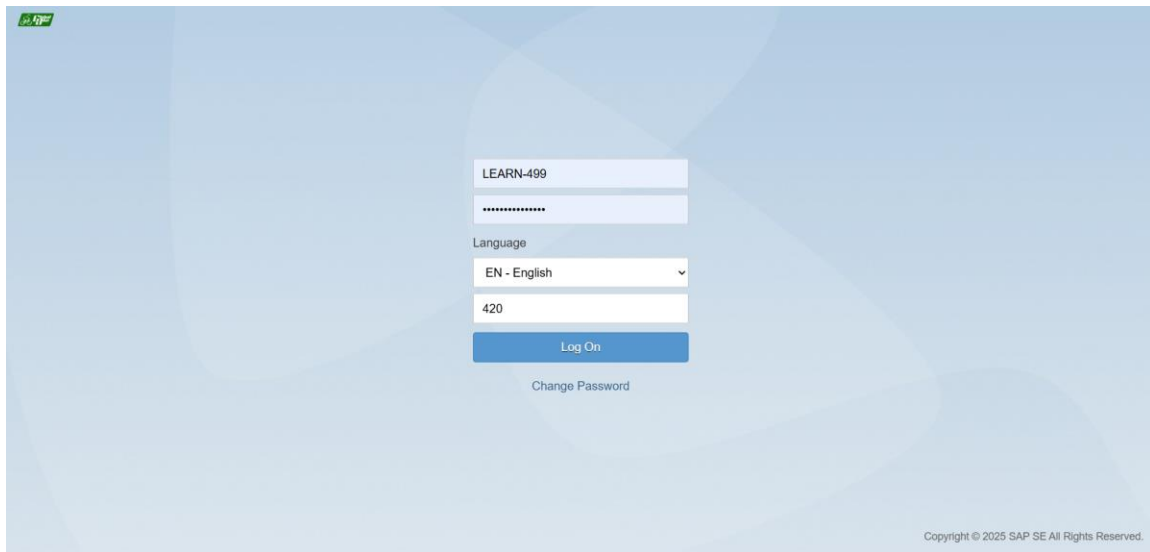


Figure 1: SAP Fiori Launchpad login screen where user credentials are entered.

-This is the entry point to the SAP S/4HANA system.

Step 2: Explore Launchpad Structure

- Action: Use search function, open apps, understand spaces and roles.

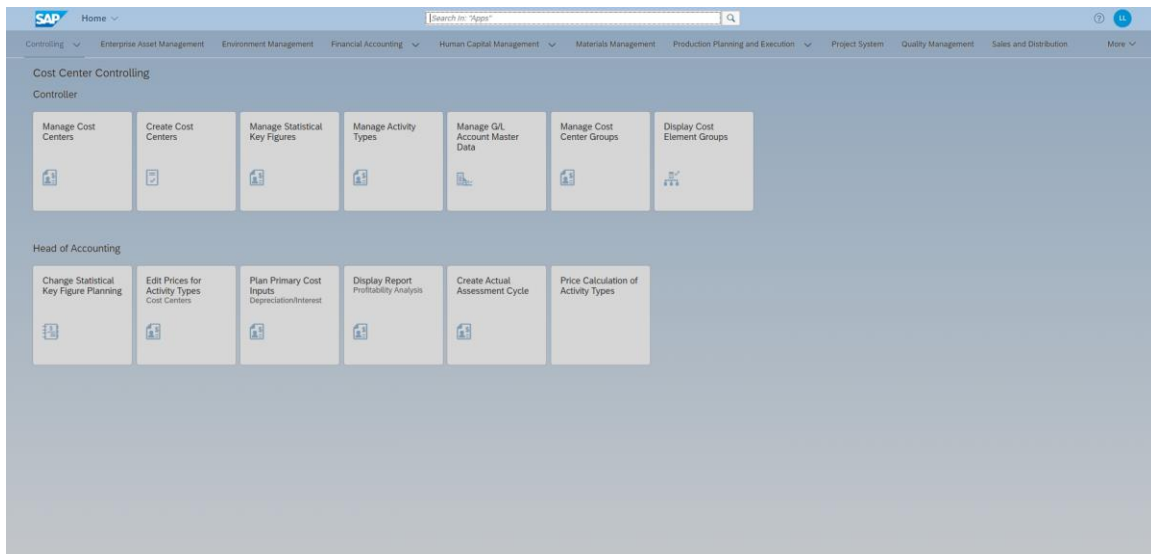


Figure 2: Fiori Launchpad home screen showing app tiles, spaces, and search bar.

-Users can navigate by business roles, access recent activities, and perform app searches.

Step 3: Navigation using Search & Tiles

- Action: Search "Order*", open Stock app, input material details.

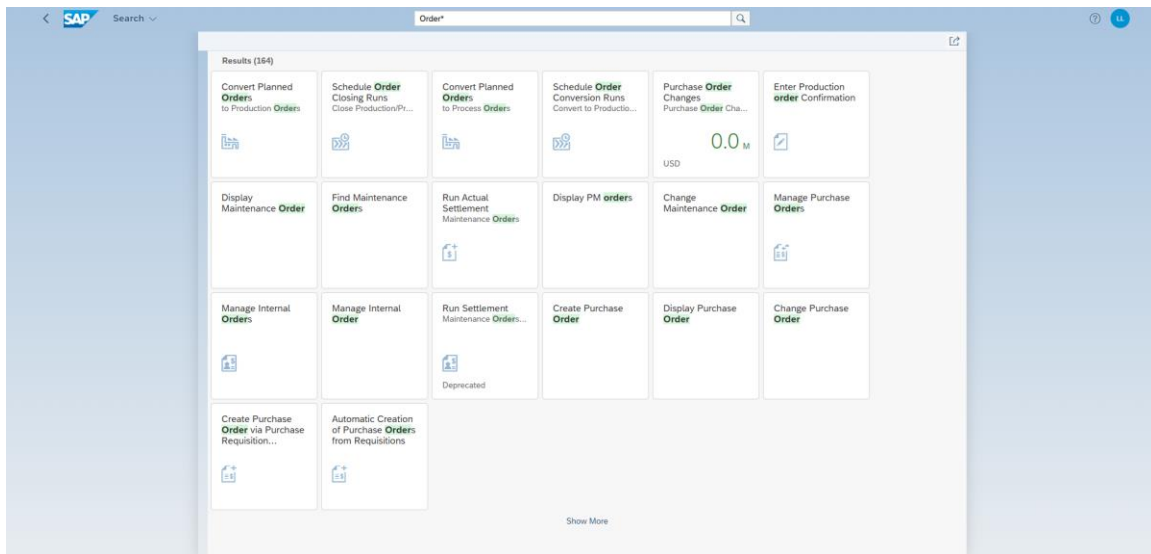


Figure 3: Using the search term Order* to discover relevant apps like "Stock" in Sales and Distribution.

-This highlights the role of wildcards in app discovery without needing transaction codes.

Step 4: Link to Manage Stock via More Links

- Action: Navigate to related apps from within another app.

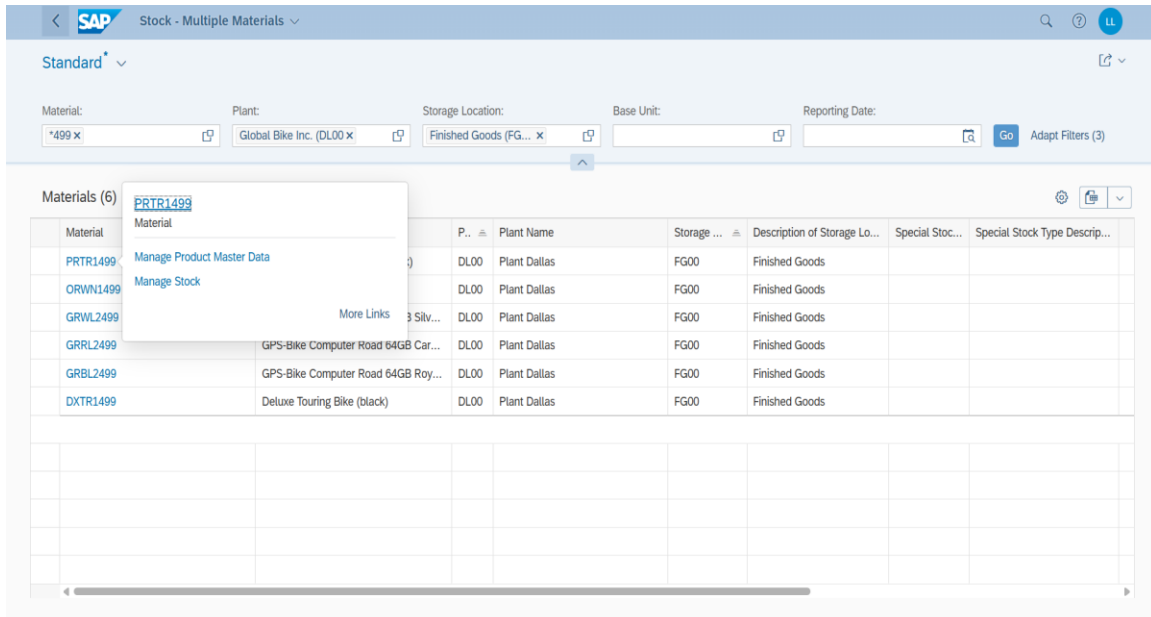


Figure 4.1: Navigating from the Stock app to the Manage Stock app using the “More Links” feature.

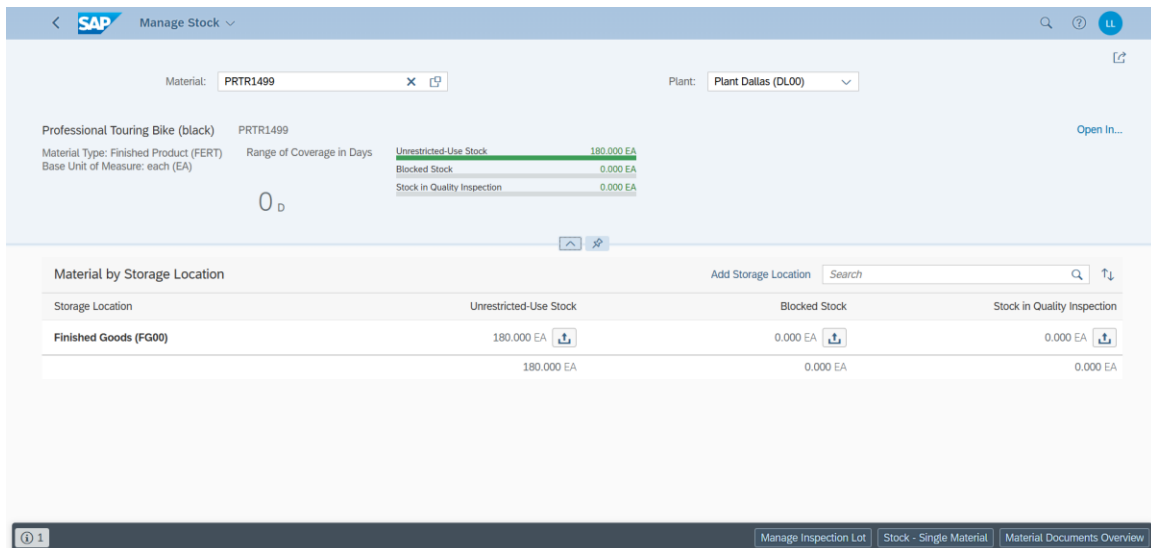


Figure 4.2: This demonstrates Fiori’s cross-app navigation capability.

Step 5: Logout process

- Action: Use profile button to safely logout.

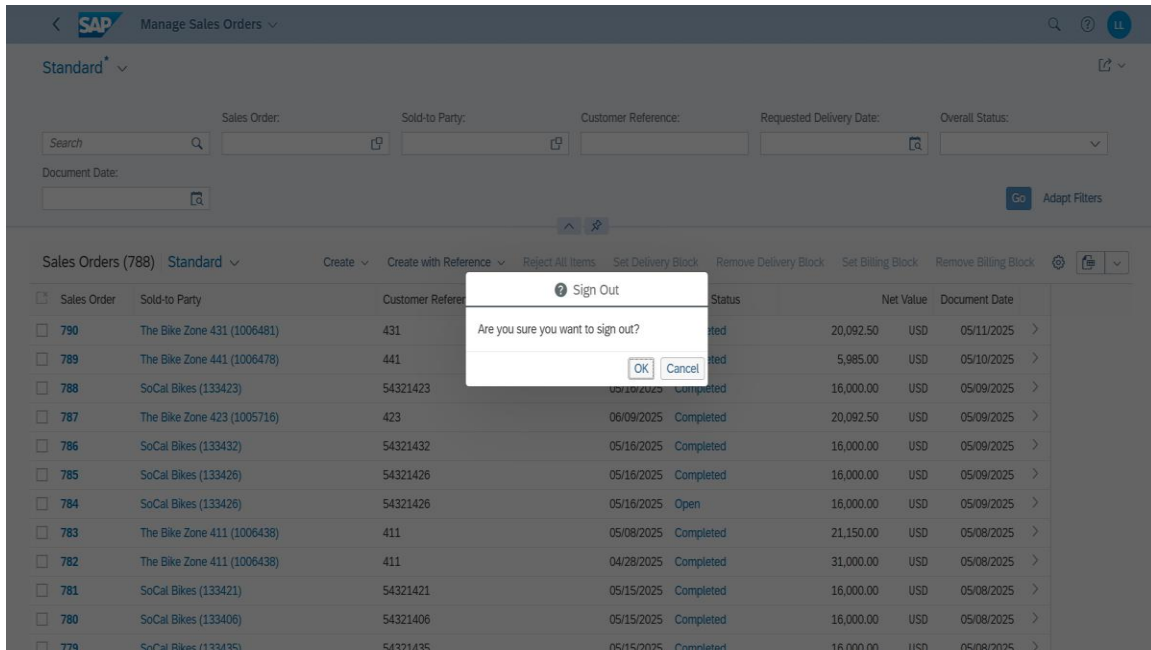


Figure 5: Accessing the profile menu to log out securely from the SAP system.

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Logging out ensures session security and proper resource release.

5. Types of SAP Fiori Apps

- Transactional App: Performs tasks like creating orders (e.g., My Purchasing Document Items).
- Analytical App: Shows KPIs and reports (e.g., Sales Order Fulfillment).
- Fact Sheet App: Displays object info (e.g., Manage Sales Orders).

Static apps have fixed tiles, dynamic apps update in real time.

6. Theme Customization & Personalization

- Changed theme from SAP Quartz Light to Belize Deep and reverted.
- Adjusted user profile settings.

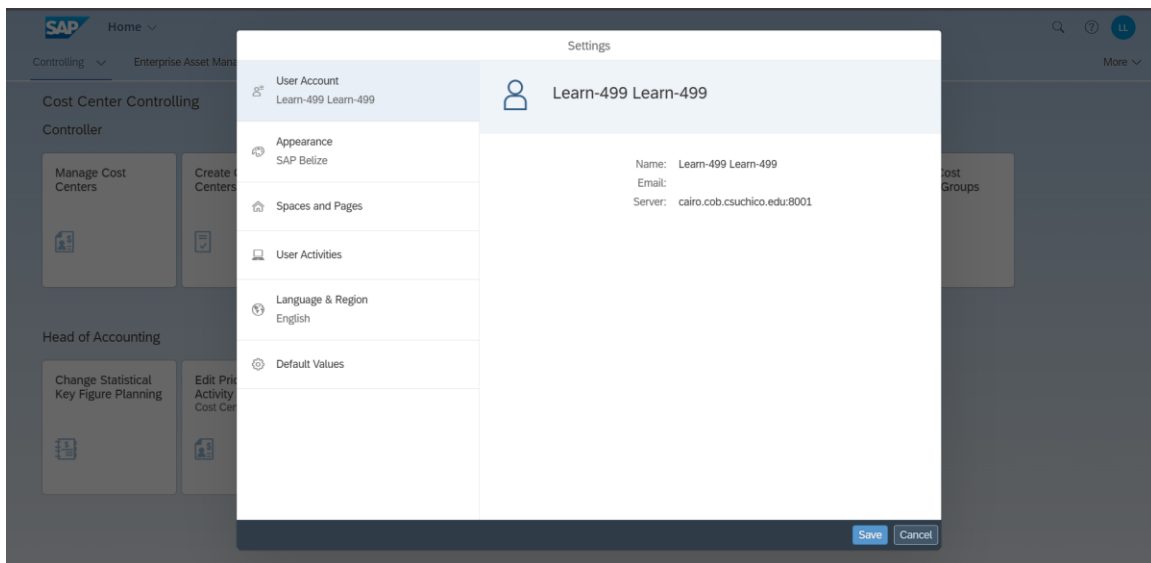
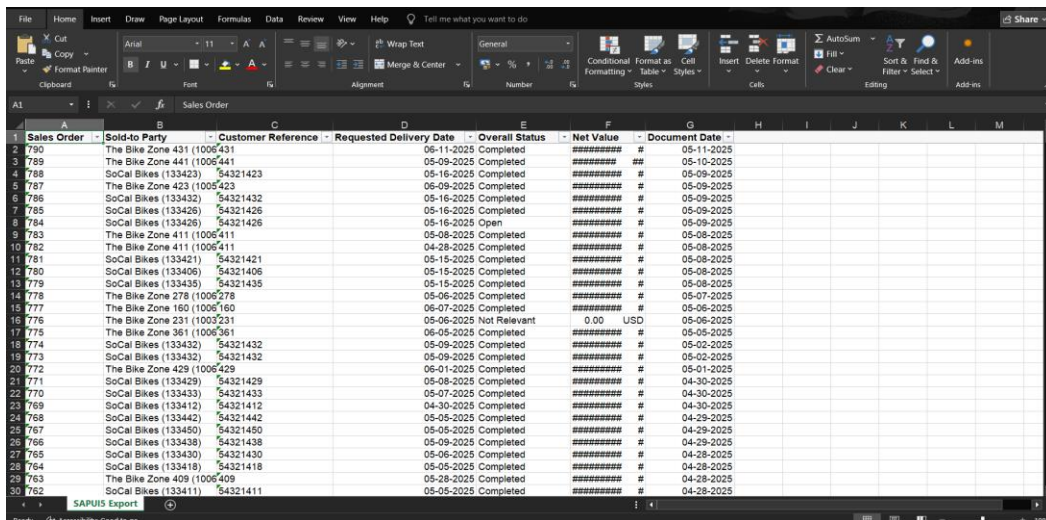


Figure 6: Changing the SAP Fiori theme from Quartz Light to Belize Deep under user settings.

Shows user-level personalization and interface adaptability.

7. Exporting and Communication Functions

-Exported data to Excel using the Export to Spreadsheet option.



The screenshot shows the SAP Fiori 'Export to Spreadsheet' dialog. The dialog has a title bar 'Sales Order' and a 'Share' button. Below the title bar is a table with the following columns: Sales Order, Sold-to Party, Customer Reference, Requested Delivery Date, Overall Status, Net Value, and Document Date. The table contains 30 rows of data, each representing a sales order. The data is as follows:

Sales Order	Sold-to Party	Customer Reference	Requested Delivery Date	Overall Status	Net Value	Document Date
790	The Bike Zone 431 (1006431)		06-11-2025	Completed	#####	05-11-2025
789	The Bike Zone 441 (1006441)		05-09-2025	Completed	#####	05-10-2025
788	SoCal Bikes (133423)	54321423	05-16-2025	Completed	#####	05-09-2025
787	The Bike Zone 423 (1006423)		06-09-2025	Completed	#####	05-09-2025
786	SoCal Bikes (133432)	54321432	05-16-2025	Completed	#####	05-09-2025
785	SoCal Bikes (133426)	54321426	05-16-2025	Completed	#####	05-09-2025
784	SoCal Bikes (133426)	54321426	05-16-2025	Open	#####	05-09-2025
783	The Bike Zone 411 (1006411)		05-08-2025	Completed	#####	05-08-2025
782	The Bike Zone 411 (1006411)		04-28-2025	Completed	#####	05-08-2025
781	SoCal Bikes (133421)	54321421	05-15-2025	Completed	#####	05-08-2025
780	SoCal Bikes (133406)	54321406	05-15-2025	Completed	#####	05-08-2025
779	SoCal Bikes (133435)	54321435	05-15-2025	Completed	#####	05-08-2025
778	The Bike Zone 278 (1006278)		05-06-2025	Completed	#####	05-07-2025
777	The Bike Zone 160 (1006160)		05-07-2025	Completed	#####	05-06-2025
776	The Bike Zone 231 (1006231)		05-06-2025	Not Relevant	0.00 USD	05-06-2025
775	The Bike Zone 361 (1006361)		06-05-2025	Completed	#####	05-05-2025
774	SoCal Bikes (133432)	54321432	05-09-2025	Completed	#####	05-02-2025
773	SoCal Bikes (133432)	54321432	05-09-2025	Completed	#####	05-02-2025
772	The Bike Zone 429 (1006429)		06-01-2025	Completed	#####	05-01-2025
771	SoCal Bikes (133429)	54321429	05-08-2025	Completed	#####	04-30-2025
770	SoCal Bikes (133433)	54321433	05-07-2025	Completed	#####	04-30-2025
769	SoCal Bikes (133412)	54321412	04-30-2025	Completed	#####	04-30-2025
768	SoCal Bikes (133442)	54321442	05-05-2025	Completed	#####	04-29-2025
767	SoCal Bikes (133450)	54321450	05-05-2025	Completed	#####	04-29-2025
766	SoCal Bikes (133438)	54321438	05-09-2025	Completed	#####	04-29-2025
765	SoCal Bikes (133430)	54321430	05-06-2025	Completed	#####	04-28-2025
764	SoCal Bikes (133418)	54321418	05-05-2025	Completed	#####	04-28-2025
763	The Bike Zone 409 (1006409)		05-28-2025	Completed	#####	04-28-2025
762	SoCal Bikes (133411)	54321411	05-05-2025	Completed	#####	04-28-2025

Figure 7: Exporting sales order data from Fiori to Excel using the "Export to Spreadsheet" button.

Enables offline reporting and data analysis.

-Used Send Email feature to generate auto email from the system.

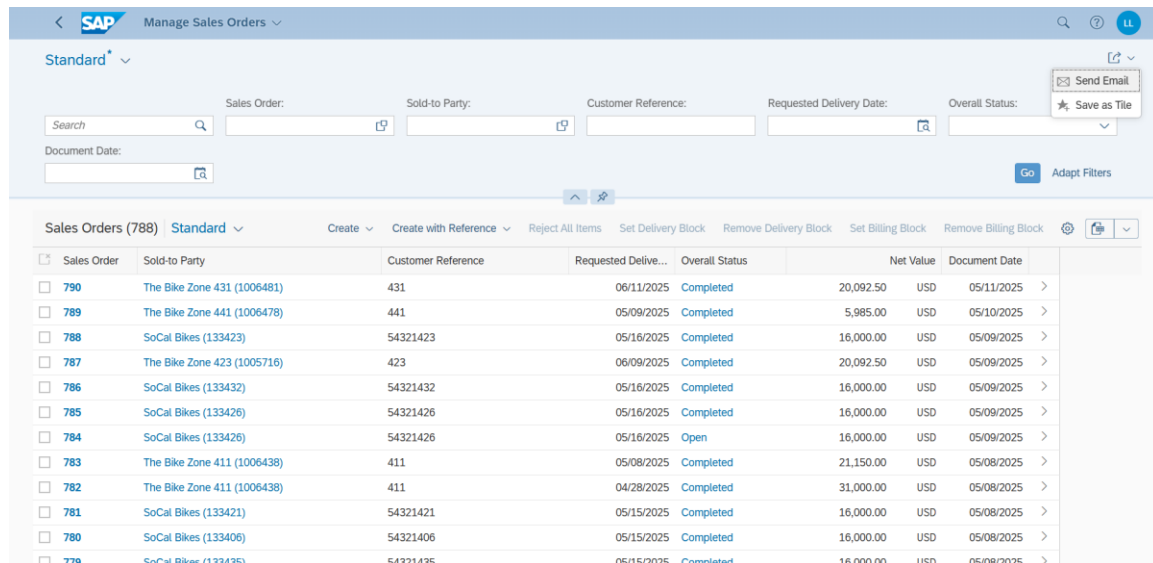


Figure 8: Using the "Send Email" button in Manage Sales Orders to generate an auto-filled email.

This supports communication of transaction data via integrated email services.

8. Conclusion

This navigation project provided hands-on experience in navigating SAP S/4HANA using Fiori Launchpad. Key learning included app structure, user personalization, data export, and understanding core app types. It lays the foundation for advanced work in SAP SD, MM, and Logistics modules.

9. References

- SAP UCC Magdeburg Case Study PDF:
"Intro_S4HANA_Using_Global_Bike_Navigation_Case Study.pdf"
- SAP Help Portal: <https://help.sap.com/>