

Purchase Order Good Receipt

User-Story

Mark Teller is 35 years old who has 9 years of work experience at manufacturing site which involves different roles such as production line controller, quality inspection and receiving analyst. Being senior warehouse analyst at receiving end of the plant he is responsible for validating raw and packaging material from the supplier and confirm there is no shortage of material by creating timely Purchase Orders. Moreover, he has to make sure all the material from the supplier undergoes quality inspection before they get utilize at production line.

As Mark work through his daily tasks he faces some challenges like searching purchase order through the system and updating different material paper document which was received from supplier via multiple deliveries within single purchase order. In addition, existing purchase order good receipt (MIGO) transaction shows too many fields which are irrelevant for the application.

The screenshot displays the SAP 'Create Purchase Order' (ME21N) transaction. The top section shows document overview with fields for Standard PO (4501876558), Vendor (1011441 - Delbont Company), and Doc. date (06/04/2015). Below this is a tabbed interface with 'Delivery/Invoice' selected. The main area contains a table of materials with columns for S., I., Material, Short Text, PO Quantity, O., C Delv. Date, Net Price, Curr..., Per, O..., Matl Group, Pmt, and Stor. Location. Two materials are listed: CDC MaxFresh Mint 18oz (14,500.000) and Suavitel Primavera (7,600.000). Below the table are buttons for 'Default Values' and 'Add Planning'. The bottom section shows a detailed view for material 'PAS00000829, CDC MaxFresh Mint 18oz' with tabs for Material Data, Quantities/Weights, Delivery Schedule, Delivery, Invoice, Conditions, Texts, Delivery Address, Confirmations, and Condition Control. The 'Delivery Schedule' tab is active, showing a table with columns for S., C Delivery D..., Sched. Qty, Time, Stat. Del. Dte, GR Qty, Purchase..., Req..., N..., and Open Quantity. One delivery is shown for 05/11/2015 with a quantity of 14,500.000.

Segmentation

Receiving Warehouse at Manufacturing Plant

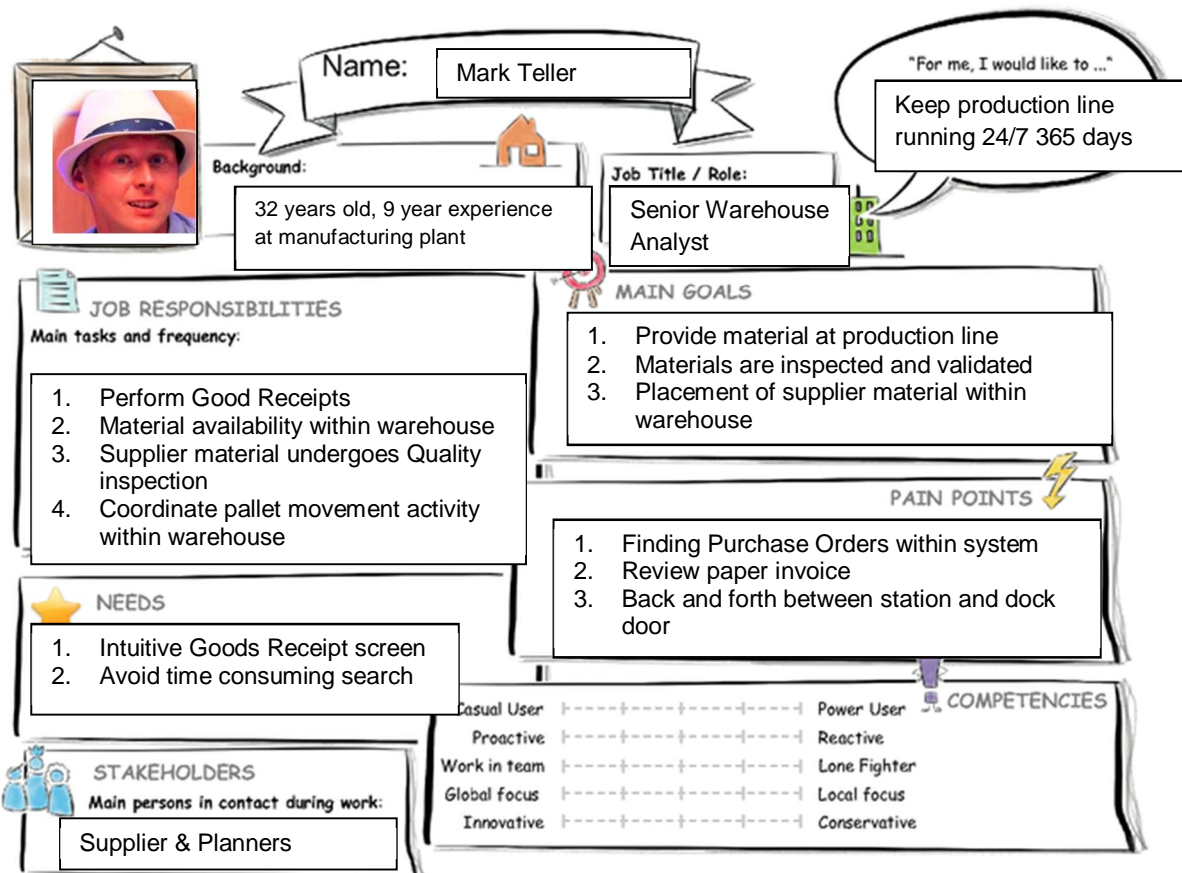
Targeting

Receiving analyst at the plant

Positioning

Simple & easy to use screen which allows you to perform purchase order good receipt process much more effectively by eliminating unnecessary fields. Also, provide ability to access relevant purchase order information at much faster pace.

Personas



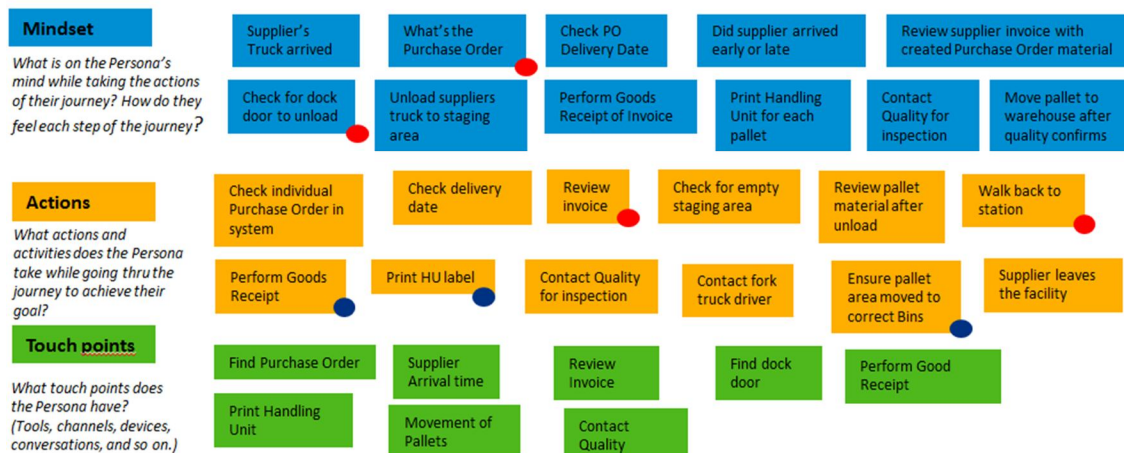
User Experience Journey

Introduction to Design Thinking

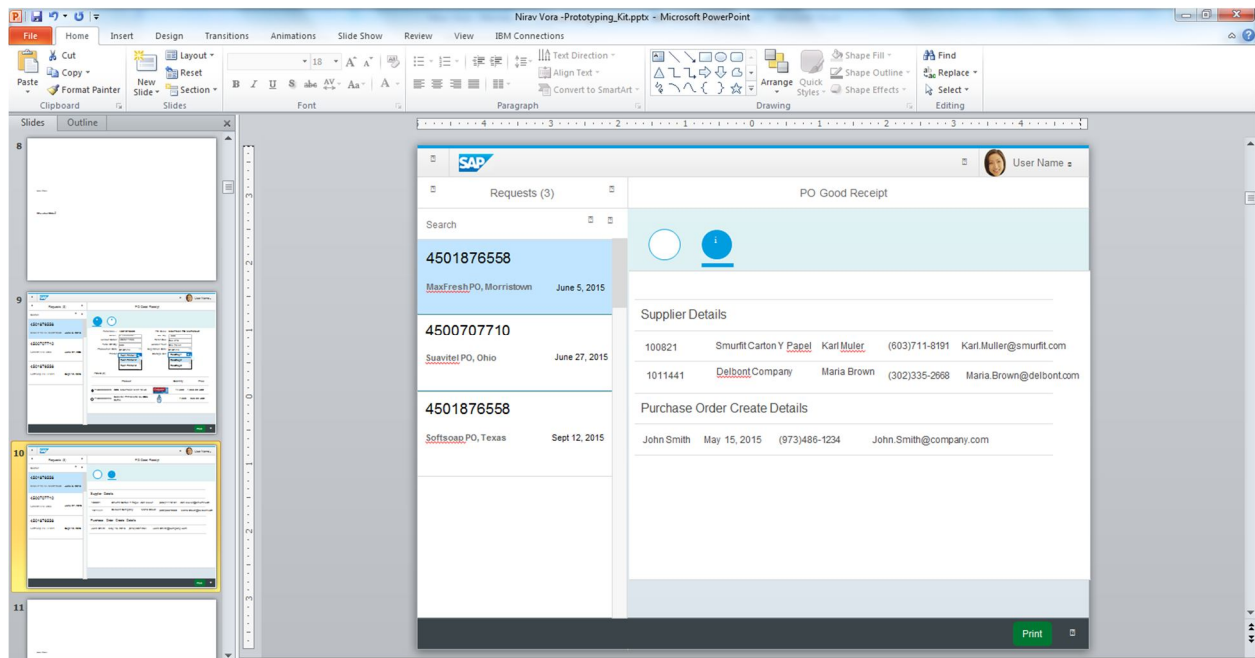
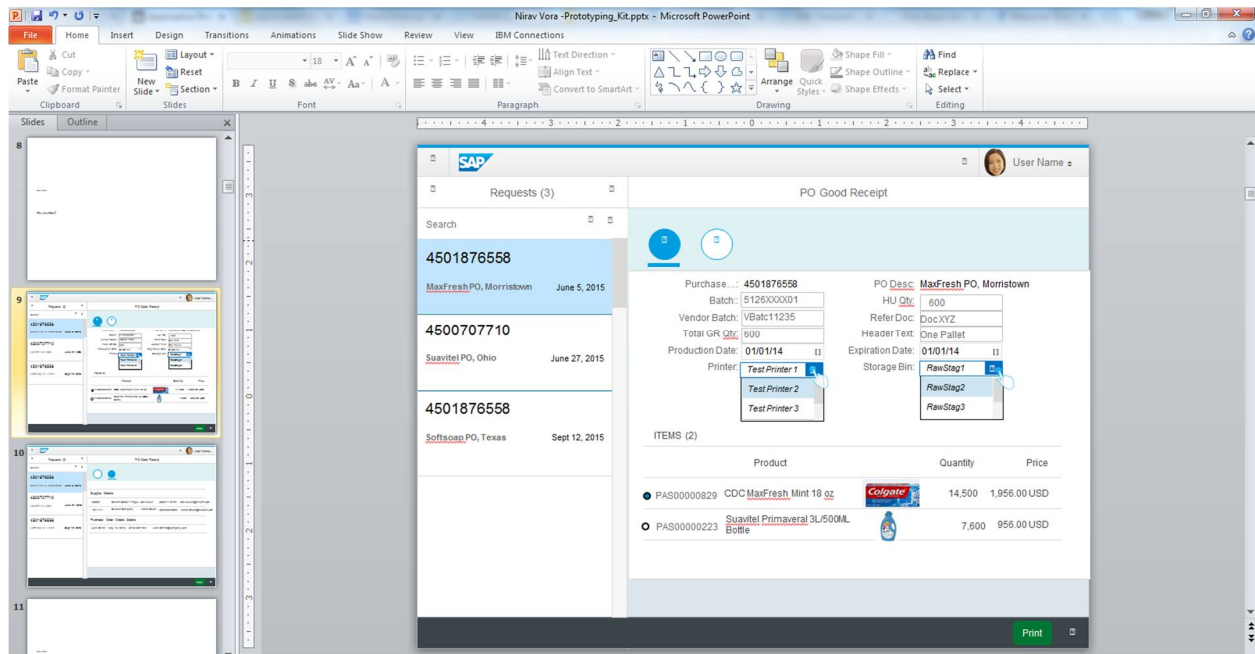
User Experience Journey 2

Current User Experience Journey

Duration of the Journey: 1 to 2 hours

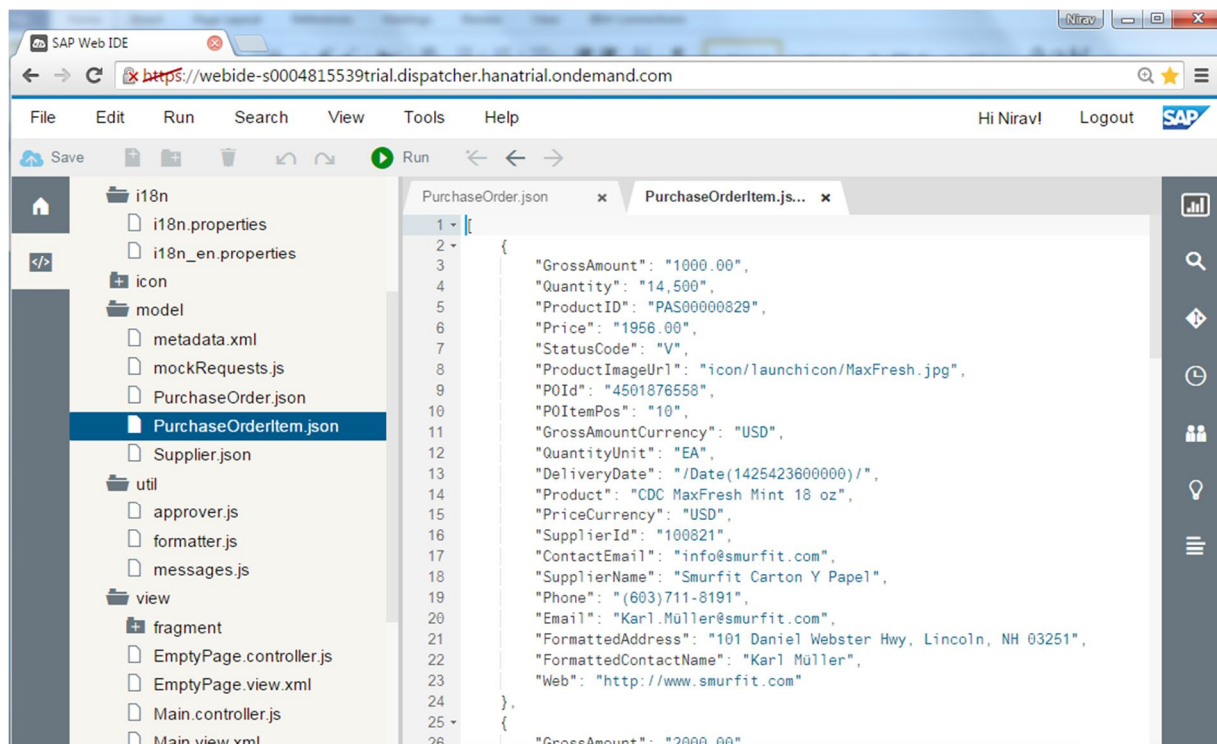
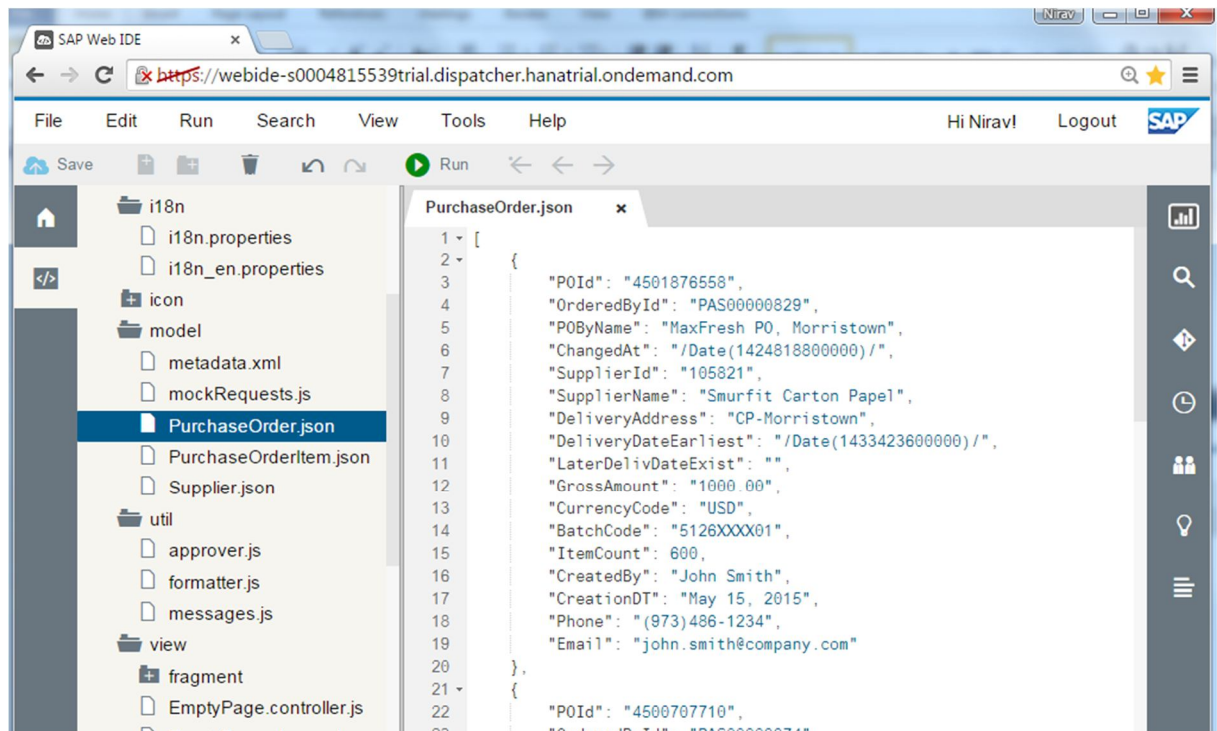


Mock up Screen using prototyping kit



Mock Data within SAP Web IDE

There are two JSON file being used for mock data PurchaseOrder & PurchaseOrderItem



SAP Web IDE Fiori App screenshot

Purchase Order Good Receipt Fiori App is based on Master details where master section will list of all the purchase order which needs to be good receipt with relevant delivery date. Detail section is the combination of form (Label & Input fields), table, radio button and tab which needs to be filled out by receiving analyst. Also, receiving analyst will need to select the product which was received in supplier's truck.

Receiving Analyst role should only have access to PO Good Receipt app.

Purchase Orders (3)

Search		
4501876558	MaxFresh PO, Morristown	Jun 4, 2015
4500707710	Suavitel PO, Ohio	Jun 27, 2015
4500707711	Softsoap PO, Texas	Sep 12, 2015

PO Good Receipt

Purchase ...: 4501876558 PO Desc: MaxFresh PO, Morristown

Batch: 5126XXXX01 HU Qty: 600



Vendor Batch: VBatc11234 Refer Doc: Doc xyz

Total GR Qty: 600 Header Text: One Pallet

Production ...: May 13, 2015 Expiration ...: May 25, 2015

Printer: Test Print... Storage Bin: RawStag 1

Items (2)

	Product	Quantity	Price
<input checked="" type="radio"/> PAS00000829	CDC MaxFresh Mint 18 oz 	14,500	1,956.00 USD
<input type="radio"/> PAS00000223	Suavitel Primavera 3L/500ML Bottle 	7,600	956.00 USD

Print

After entering all the details on the screen, receiving analyst can click **PRINT** button to generate Handling Unit for the pallet unloaded from the truck.

←

Purchase Orders (3)

PO Good Receipt

Search

Q ↺

4501876558

MaxFresh PO, Morristown

Jun 4, 2015

4500707710

Suavitel PO, Ohio

Jun 27, 2015

4500707711

Softsoap PO, Texas

Sep 12, 2015

Purchase ...: 4501876558

PO Desc: MaxFresh PO, Morristown

Batch: 5126XXX01

Vendor Batch: VBatc11234

Total GR Qty: 600

600

HU Qty:

Doc xyz

Refer Doc:

One Pallet

Header Text:

May 25, 2015

...

RawStag 1

...



Good Receipt Confirmation

Handling Unit for purchase order 4501876558 created Successfully

HU Number : 1560040506070594925

Batch Number : 5126XXX01

OK

		Quantity	Price
<input checked="" type="radio"/> PAS00000829	CDC MaxFresh Mint 18 oz 	14,500	1,956.00 USD
<input type="radio"/> PAS00000223	Suavitel Primavera 3L/500ML Bottle 	7,600	956.00 USD

Print

At times, there is possibility of issue associated with purchase order generated from the planner or the invoice received supplier. In order to comprehend and troubleshoot the issue it's always helpful to have planner and supplier information available.

←

Purchase Orders (2)

PO Good Receipt

Search

Q ↺

4501876558

MaxFresh PO, Morristown

Jun 4, 2015

4500707710

Suavitel PO, Ohio

Jun 27, 2015

4500707711

Softsoap PO, Texas

Sep 12, 2015

Supplier Details

100821	Smurfit Carton Y Papel	Karl Müller	(603)711-8191	Karl.Müller@smurfit.com
1011441	Delbont company	Maria Brown	(302)335-2668	maria.brown@delbont.com

Purchase Order Create Details

John Smith	May 15, 2015	(973)486-1234	john.smith@company.com
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Print