Spend Analysis & Supplier rating

	Target release	24 Apr 2023
1	Epic	SS-6 - Complete Requirement gathering - Phase 1 IN PROGRESS
2	Document status	DRAFT
3	Document owner	@ Detmoi
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6	Technical writers	@ Detmoi
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We need to fix bugs and build enhancements for an application that provides different tools for supplier spending analysis and strategies for sourcing.

- 1. Need to customize the landing page
- 2. Need to develop input handling system excel and storing in database
- 3. Integrate FastAPI backend with the Next JS app
- 4. Need to develop supplier spend analysis dashboard with reports and charts
- 5. We need to improve the output handling system to keep users within the app
- 6. Deploy the Next JS FastAPI app on Vercel and AWS

Success metrics

Goal	Metric	
Aesthetically Integrated landing page and modern authentication for user	Successfully able to login and logout with session management. Landing page should be aesthetically integrated to the app inside	
Keep the user within the app for all analysis purposes	Successfully able to handle input and output on the app itself. Only confirmations and links to the app should be sent on email.	
Able to use application over the internet	Successfully host the frontend and backend on AWS	



- 1. The landing page and Next JS app are already integrated with
 - a. Auth0
 - b. Redux
 - c. MongoDB
 - d. React Query
 - e. MUI
- 2. Need to deploy on Vercel first before AWS

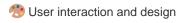




Requirement 4 (Need to develop supplier spend analysis dashboard with reports and charts) in detail:

Requirement	Importance	Jira Issue	Notes
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HIGH Develop table for Spend analysis with row highlight capability based on a condition. Columns: Supplier Name
Product Affected 3. Total parts 4. Critical parts 5. Spend in dollars 6. Spend in percent Develop another table with 1-5 rating form for different measures: HIGH 1. Sourcing matrix Capacity
Pricing
OTD - On Time Delivery 5. quality 6. Supplier health First column should be supplier name and the last column should be remark comment section which includes previous comments Create charts for the data from input uploaded. HIGH Spend by supplier
Spend by product
Spend by commodity and sub commodity 4. Spend by Region/location Input should accept the purchase orders in excel format. HIGH It should have these columns: 1. Purchase order number part name
Part Criticality 4. Product affected 5. Vendor name 6. supplier location 7. Purchase Requisition count 8. Still to be delivered value 9. Commodity type 10. Sub Commodity type





Question	Answer	Date Answered

