

Mission Planning Management System

Sample design ideas for a large planning system.



Mission Planning System Designs

PROJECT SUMMARY

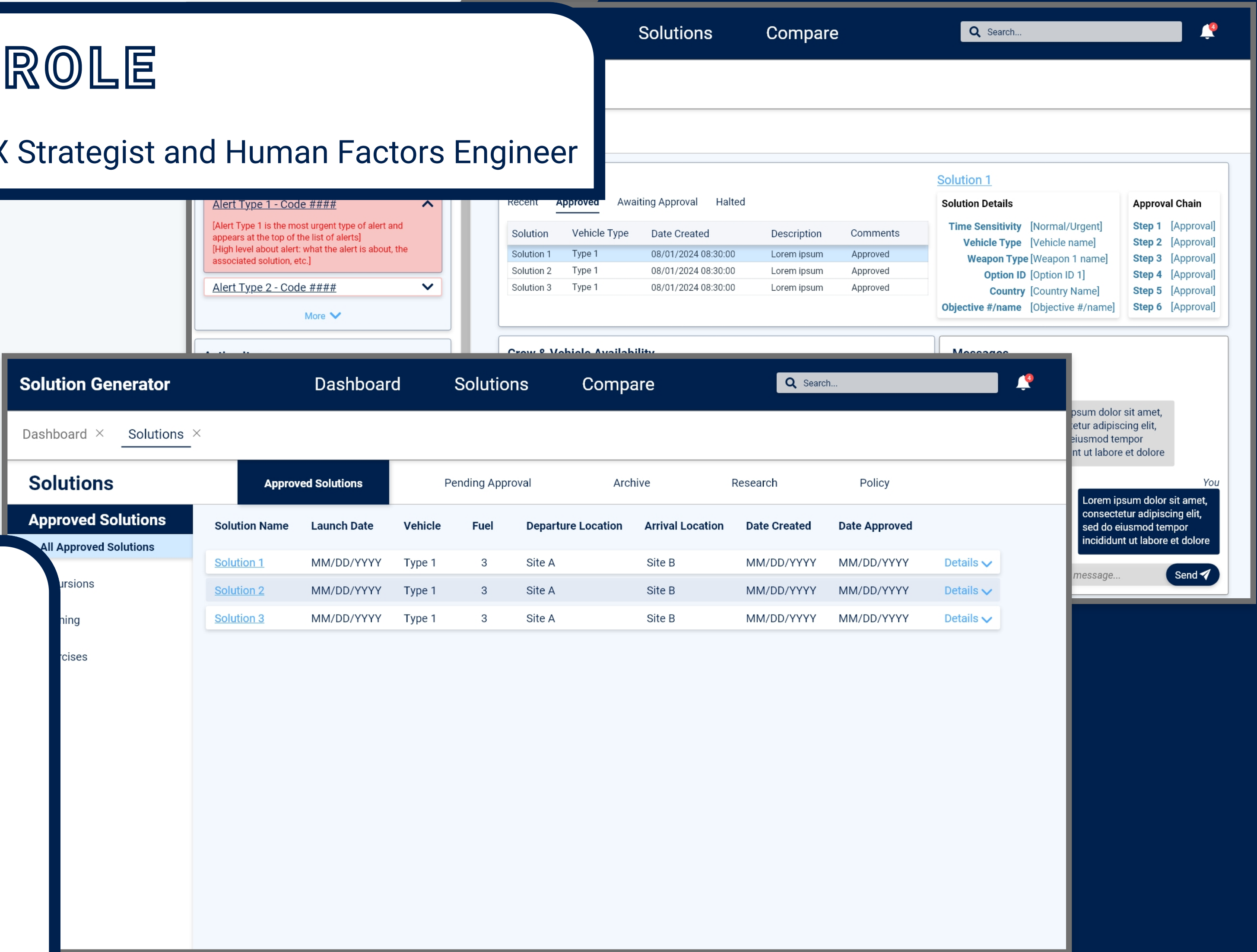
The dashboard and solution table designs are small pieces in the latest iterations of a mission planning system for DOD operations. The design process involved user interviews, weekly mockup reviews, and sponsor engagements in an effort to modernize and merge current DOD systems.

ACTIVITIES

- Operator and sponsor interviews
- Create user stories and personas
- Write requirements
- Record all user actions into a task analysis
- Sponsor site visits

MY ROLE

Lead UX Strategist and Human Factors Engineer



Dashboard

Alerts

Alert Type 1 - Code #####

[Alert Type 1 is the most urgent type of alert and appears at the top of the list of alerts]
[High level about alert: what the alert is about, the associated solution, etc.]

Alert Type 2 - Code #####

More

Action Items

User Actions

Approval Pending

[The system has generated a solution and is awaiting approval from the appropriate user.]

Scheduled Training Overdue

More

Sytem Actions

System Generating Solution

[Shows that the system is generating a solution for a set of parameters. Includes the parameters, time to

Solutions

Recent Approved Awaiting Approval Halted

Solution	Vehicle Type	Date Created	Description	Comments
Solution 1	Type 1	08/01/2024 08:30:00	Lorem ipsum	Approved
Solution 2	Type 1	08/01/2024 08:30:00	Lorem ipsum	Approved
Solution 3	Type 1	08/01/2024 08:30:00	Lorem ipsum	Approved

Solution 1

Solution Details

Time Sensitivity [Normal/Urgent]
Vehicle Type [Vehicle name]
Weapon Type [Weapon 1 name]
Option ID [Option ID 1]
Country [Country Name]
Objective #/name [Objective #/name]

Approval Chain

Step 1 [Approval]
Step 2 [Approval]
Step 3 [Approval]
Step 4 [Approval]
Step 5 [Approval]
Step 6 [Approval]

Crew & Vehicle Availability

Calendar Filters

- ☒ Maintenance
- ☒ V Change
- ☐ Crew Change

September 2025						
MON	TUE	WED	THU	FRI	SAT	SUN
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

Messages

- User 1
- User 2
- User 3
- User 4
- User 5
- User 6
- User 7

User 1
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore


You
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore

Type a message... Send

Solution Generator

DashboardSolutionsCompare

Q Search...

4

Dashboard × Solutions ×

Solutions

Approved Solutions

Pending Approval

Archive

Research

Policy




Approved Solutions

All Approved Solutions

Excursions

Training

Exercises

Solution Name	Launch Date	Vehicle	Fuel	Departure Location	Arrival Location	Date Created	Date Approved	
Solution 1	MM/DD/YYYY	Type 1	3	Site A	Site B	MM/DD/YYYY	MM/DD/YYYY	Details 
Solution 2	MM/DD/YYYY	Type 1	3	Site A	Site B	MM/DD/YYYY	MM/DD/YYYY	Details 
Solution 3	MM/DD/YYYY	Type 1	3	Site A	Site B	MM/DD/YYYY	MM/DD/YYYY	Details 

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