

Product Requirements Document

Follow-the-Sun Delivery Orchestrator

Proof of Concept Web Application

Version:	1.0
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Target:	LinkedIn Professional Network
Development:	Anti-Gravity Platform
Design:	Jack Roberts UI/UX Principles

1. Executive Summary

1.1 Vision Statement

Create a **visually compelling, fully navigable proof-of-concept web application** that demonstrates how global consulting teams can eliminate handover friction through intelligent orchestration. This is NOT a production system—it's a **story-telling tool** designed to generate executive interest and validate market demand.

1.2 Success Criteria

- ✓ **Recordable Demo:** Complete 3-5 minute video walkthrough showing all key workflows
- ✓ **Visual Impact:** Modern, professional UI that signals enterprise-grade thinking
- ✓ **Functional Realism:** Dummy data that feels authentic (real company names, realistic scenarios)
- ✓ **LinkedIn Shareability:** Generates comments like 'When can we get this?' and 'How do I pilot this?'
- ✓ **Build Timeline:** Completable in 5-7 days by a competent Anti-Gravity developer

1.3 What This Is NOT

- ✗ Not a production-ready system
- ✗ No real API integrations (all simulated)
- ✗ No backend database (local storage or static JSON sufficient)
- ✗ No authentication/security (single demo user experience)
- ✗ No mobile responsiveness required (desktop-first for screen recording)

2. Design Philosophy & Visual Identity

2.1 Design Inspiration (Jack Roberts Principles)

Based on Jack Roberts' UI/UX methodology, this application embodies the following key principles:

- **Clarity over Cleverness:** Every element has a clear purpose; no decorative bloat
- **Generous White Space:** Breathing room between sections (minimum 32px vertical spacing)
- **Hierarchy Through Scale:** Bold size differences between headings (48px) and body (16px)
- **Purposeful Color:** Color used sparingly to draw attention, not everywhere
- **Consistent Rhythm:** Predictable spacing system (8px base grid: 8, 16, 24, 32, 48, 64)

2.2 Color Palette

Color Name	Hex Code	Usage
Ocean Blue	#0F52BA	Buttons, links, key actions
Ink	#1A1A1A	Primary text, headings
Charcoal	#4A4A4A	Secondary text, labels
Slate	#9CA3AF	Tertiary text, helper text
Silver	#E5E7EB	Borders, dividers
Ghost	#F9FAFB	Background surfaces, cards
Critical	#DC2626	P1 incidents, blockers
Warning	#F59E0B	At-risk items
Success	#059669	Completed items

2.3 Typography System

Style	Font	Size/Weight	Usage
Display	Inter	48px / Bold	Page titles
Heading 1	Inter	32px / Semibold	Section headers
Heading 2	Inter	24px / Semibold	Card titles

Heading 3	Inter	18px / Semibold	Subsections
Body Large	Inter	16px / Regular	Primary content
Body	Inter	14px / Regular	Secondary content
Caption	Inter	12px / Medium	Labels, metadata

3. Information Architecture & Navigation

3.1 Application Structure

The application follows a **single-page application (SPA) approach** with a fixed top navigation bar and dynamic content area. The navigation is intentionally simple with only four main sections:

- **Dashboard** (Default landing page) - Global handover status visualization, regional timezone clocks, active handover queue, quick action buttons
- **Handovers** - View all handover history, create new handover (manual trigger), detailed handover view
- **Analytics** - KPI dashboard, charts and metrics, team performance insights
- **Settings** (Optional - simplified) - Regional configuration view, notification preferences

3.2 Navigation Behavior

- Fixed top navigation bar (always visible, does not scroll)
- Single-level navigation (no dropdowns or nested menus for simplicity)
- Active state indication: Selected tab has blue underline (3px, #0F52BA)
- Page transitions: Simple fade (300ms) between views—no complex animations

4. Regional Operating Model

4.1 Global Delivery Schedule

The system operates on a **structured 2-hour overlap window** between regions, ensuring smooth handover transitions while maintaining 24-hour coverage:

Region	Local Time	UTC Offset	Handover Window
Australia (Sydney)	09:00-18:00	UTC+10/+11	17:00-18:00 AEDT
Singapore	09:00-18:00	UTC+8	17:00-18:00 SGT
India (Bangalore)	10:00-19:00	UTC+5:30	18:00-19:00 IST
UK (London)	09:00-18:00	UTC+0	17:00-18:00 GMT
US East (New York)	09:00-18:00	UTC-5	17:00-18:00 EST

Key Insight: The 2-hour overlap provides sufficient time for synchronous clarification while maintaining 24-hour coverage. Australia operates as a 'bridge region' requiring asynchronous handover to Singapore.

5. Page Specifications - Dashboard

5.1 Dashboard Components

- **Header Section:** Personalized greeting ('Good morning, David'), page title ('Global Handover Command Center'), and live clock showing current GMT time
- **Timezone Status Bar:** 5 region cards displaying flag emoji, city name, current local time, work status (Active/Offline/Handover), and metadata
- **Active Handovers (Left Column):** List of 3-4 current handovers with ID, route, duration, status breakdown, and progress bar
- **Upcoming Transitions (Right Column):** Timeline visualization showing next 3-4 handover windows with estimated item counts
- **Quick Actions Bar:** Three primary action buttons - Create Handover, View History, Run Report

5.2 Timezone Status Card Example

Each region card displays real-time information in a clean, scannable format:

■■ India Bangalore 13:05 IST ● ACTIVE 7 active tasks

Card Specifications:

- Width: 220px (fixed)
- Background: #FFFFFF
- Border: 1px solid #E5E7EB
- Border Radius: 8px
- Padding: 20px
- Status indicator: Colored dot (Green=Active, Gray=Offline, Blue=Handover)

6. Page Specifications - Handovers

6.1 Filter Bar Components

- **Search Input:** 400px width with placeholder 'Search handovers by ID, team, or notes...' and magnifying glass icon
- **Region Filter:** Dropdown with options: All Regions, Australia, Singapore, India, UK, US
- **Status Filter:** Dropdown with options: All, Active, Completed, Pending Acknowledgment
- **Date Range:** Dropdown with options: Today, Last 7 days, Last 30 days, Custom range

6.2 Handover Table Structure

Column	Width	Sortable	Content Type
Handover ID	150px	Yes	HANDOVER-XXXX-XXX
Route	200px	Yes	Region → Region
Created	150px	Yes	Date + Time
Status	120px	Yes	Badge (Active/Completed/Pending)
Items	80px	Yes	Number
Progress	120px	No	Progress bar
Actions	100px	No	[View] button

7. Page Specifications - Analytics

7.1 KPI Dashboard (6 Key Metrics)

KPI Name	Target Value	Business Impact
Handover Efficiency Score	$\geq 95\%$	Reduces rework, accelerates delivery
Context Loss Rate	$\leq 5\%$	Measures quality of knowledge transfer
Time-to-First-Action	$\leq 15 \text{ min}$	Indicates handover clarity
Handover Duration (Avg)	$\leq 90 \text{ min}$	Operational efficiency
Delivery Velocity Increase	+25%	Revenue impact, client satisfaction
Critical Escalation Rate	$\leq 3\%$	Risk management effectiveness

7.2 KPI Card Layout

Each KPI card follows a consistent format for easy scanning:

Handover Efficiency Score ← Title (14px, #4A4A4A) 94.2% ← Value (36px, #1A1A1A, bold) ↑ 3.2% from last week ← Change indicator (12px, green) Target: $\geq 95\%$ ← Target (12px, #9CA3AF)

7.3 Charts and Visualizations

- **Handover Efficiency Trend:** Line chart showing 30-day trend with target line at 95%
- **Regional Performance:** Horizontal bar chart ranking 5 regions by handover quality score
- **Team Leaderboard:** Ranked list showing top performing teams by time-to-first-action metric

8. Dummy Data Strategy

8.1 Realistic Company Context

Fictional Company: Meridian Global Consulting

Project Context: Enterprise digital transformation for financial services client

8.2 Team Personas

Name	Role	Region
Sarah Mitchell	Delivery Lead	UK (London)
Rajesh Kumar	Technical Lead	India (Bangalore)
Mei Lin Tan	Project Manager	Singapore
David Chen	Solutions Architect	Australia (Sydney)
Michael Johnson	Client Partner	US East (New York)

8.3 Work Item Types

- **Development Tasks:** JIRA-4521 (Payment gateway timeout fix), ADO-8834 (Customer portal API v2)
- **Customer Escalations:** ESC-0091 (Database migration blocker - P1), ESC-0087 (API rate limit - P2)
- **Testing Results:** TEST-3421 (UAT regression - 95% pass), TEST-3398 (Performance testing)
- **Deliverables:** DOC-2201 (Architecture document v2.1), DOC-2198 (Client presentation deck)
- **Runbooks:** RB-045 (Production deployment), RB-038 (Incident response protocol)

9. Implementation Roadmap

9.1 Development Timeline (7 Days)

Days 1-2: Foundation

- Set up Anti-Gravity project structure
- Implement design system (colors, typography, spacing)
- Create reusable components (buttons, cards, inputs, modals)
- Build top navigation bar
- Initialize localStorage with seed data
- Build Dashboard page with all components

Days 3-4: Core Pages

- Build Handovers page with filter bar and table
- Implement sortable table and pagination
- Create handover detail modal (4 tabs)
- Build create handover modal with form
- Build Analytics page with KPI cards
- Integrate Chart.js for visualizations

Days 5-6: Polish & Interactions

- Build Settings page
- Implement all hover states and animations
- Add toast notification system
- Test all modal interactions
- Add real-time clock updates
- Cross-browser testing

Day 7: Video Prep

- Populate all pages with polished dummy data
- Test complete user flow
- Practice video recording script
- Adjust UI elements for screen recording
- Deploy to public URL

10. Technology Stack Recommendations

For a proof-of-concept built on Anti-Gravity, the following technologies are recommended:

Component	Technology	Rationale
Frontend	HTML/CSS/JavaScript	Native web technologies for Anti-Gravity
Styling	Tailwind CSS or custom CSS	Following design system specifications
Charts	Chart.js	Lightweight, easy integration
Data Storage	Browser localStorage	No backend needed for demo
Routing	Hash-based SPA	Simple client-side navigation
Icons	Unicode/Emoji or SVG	No external dependencies
Fonts	Google Fonts (Inter)	Professional typography

11. Video Recording Strategy

11.1 Video Structure (3-5 Minutes)

The demonstration video should follow a clear narrative arc that tells a compelling story:

Opening (0:00-0:30):

Introduce the problem - global handover friction, context loss, team frustration

Act 1: The Problem (0:30-1:00):

Show traditional handover chaos, then reveal the orchestrator solution

Act 2: The Solution (1:00-2:30):

Walkthrough of key features - AI summaries, structured handovers, real-time collaboration

Act 3: The Impact (2:30-3:30):

Analytics page showing measurable results - KPIs, trends, team performance

Act 4: The Vision (3:30-4:00):

Show handover history, audit trail, compliance features

Closing (4:00-4:30):

Call to action - connect on LinkedIn, discuss pilots

11.2 Recording Best Practices

- **Software:** Use Loom, ScreenFlow, or OBS Studio for screen recording
- **Resolution:** Record at 1920x1080 (Full HD) for professional quality
- **Audio:** Use USB microphone (Blue Yeti or similar) for clear voiceover
- **Script:** Write and practice voiceover word-for-word before recording
- **Mouse Movement:** Slow, deliberate movements - no rapid clicking
- **Editing:** Add subtle zoom effects to emphasize key UI elements
- **Music:** Low-volume corporate/inspirational background track
- **Captions:** Add subtitles for accessibility and LinkedIn autoplay

12. LinkedIn Publication Strategy

12.1 Post Copy Template

Headline:

- How I Built a Follow-the-Sun Orchestrator That Eliminated 67% of Handover Friction Across 5 Global Delivery Teams

Body Opening:

The problem with global delivery? The handoffs. We had brilliant teams in Sydney, Singapore, Bangalore, London, and New York. But every 9-hour shift change meant:
✗ Lost context ✗ Duplicated effort ✗ Missed SLAs ✗ Frustrated teams So I built a solution. ↓ [Embed 4-minute demo video]

12.2 Engagement Targets (First 7 Days)

Metric	Realistic Goal	Stretch Goal
Views	5,000-10,000	25,000+
Reactions	200-400	800+
Comments	30-60	100+
Shares	15-30	50+
Profile Visits	100-200	300+
New Connections	30-50	100+

13. Project Deliverables

13.1 Primary Deliverables

- ✓ **Functional Web Application:** Hosted on public URL, navigable across 4 main pages
- ✓ **Interactive Components:** 10-15 working components (modals, forms, charts, tables)
- ✓ **Professional Design:** Following Jack Roberts UI/UX principles with brand color system
- ✓ **Realistic Data:** Comprehensive dummy data throughout all pages and components
- ✓ **Responsive Elements:** Desktop-optimized at 1920x1080 resolution

13.2 Secondary Deliverables

- ✓ **Demo Video:** 3-5 minute professionally edited walkthrough with voiceover
- ✓ **LinkedIn Content:** Post copy, hashtag strategy, and engagement plan
- ✓ **Source Code:** Git repository for future development (if applicable)
- ✓ **Documentation:** Basic user guide for navigating the demo

13.3 Success Criteria

The project will be considered successful when:

- Complete 4-minute video walkthrough demonstrating all key workflows
- Application is visually polished and professionally designed
- All interactive elements work smoothly without bugs
- Dummy data feels authentic and tells a compelling story
- LinkedIn post generates significant engagement and pilot inquiries

14. Appendix: Component Library Reference

14.1 Button Styles

```
PRIMARY BUTTON
Background: #0F52BA Text: #FFFFFF / 14px / 600 weight Padding: 12px 24px Border
Radius: 6px Hover State: Background darkens to #0A3D8F SECONDARY BUTTON
#E5E7EB Text: #1A1A1A / 14px / 600 weight Padding: 12px 24px Border: 1px solid
#F9FAFB Hover State: Border #9CA3AF, Background #F9FAFB GHOST BUTTON
#F9FAFB Text: #0F52BA / 14px / 600 weight Padding: 8px 16px Hover State:
Background #F9FAFB
```

14.2 Card Styles

STANDARD CARD [REDACTED] Background: #FFFFFF Border: 1px solid #E5E7EB Border Radius: 8px Padding: 24px
Shadow: 0 1px 3px rgba(0,0,0,0.05) Hover State: Border #9CA3AF, Shadow increases
KPI CARD [REDACTED] Title: 14px / #4A4A4A Value: 36px / #1A1A1A / Bold Change: 12px / #059669 (green for positive) Target: 12px / #9CA3AF

15. Conclusion & Next Steps

This Product Requirements Document provides **comprehensive specifications** for building a compelling, LinkedIn-ready proof-of-concept in 7 days. The design is professional, the interactions are polished, and the story is compelling.

15.1 Immediate Action Items

- **Day 1:** Begin Anti-Gravity development following the implementation roadmap
- **Day 3:** Complete Dashboard and Handovers pages, conduct mid-point review
- **Day 5:** Complete Analytics page and all interactive components
- **Day 7:** Final polish, deploy to public URL, record demonstration video
- **Day 8:** Edit video, create LinkedIn post, schedule publication

15.2 Post-Launch Strategy

Following the LinkedIn publication:

- Monitor engagement closely in first 48 hours
- Respond to all comments and connection requests
- Track pilot inquiries and schedule follow-up conversations
- Create follow-up content (Substack article, carousel posts)
- Collect feedback to inform production development decisions

This is your moment to demonstrate thought leadership, technical vision, and execution excellence.

Let's build something remarkable. ■

Questions or Ready to Start Building?

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