1️⃣ **Dashboard Principal - Centro de Controle**

**Ver: [Dashboard Principal - Sistema Multi-Agente | Claude | Claude](https://claude.ai/public/artifacts/0077c33a-d58d-4188-bc30-ff84ffb03f01)**

**Codigo:**

<!DOCTYPE html>

<html lang="pt-AO">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Sistema Multi-Agente - Dashboard Principal</title>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: 'Segoe UI', system-ui, -apple-system, sans-serif;

background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);

min-height: 100vh;

color: #333;

}

.container {

max-width: 1400px;

margin: 0 auto;

padding: 20px;

}

.header {

background: rgba(255, 255, 255, 0.95);

backdrop-filter: blur(10px);

border-radius: 20px;

padding: 30px;

margin-bottom: 30px;

box-shadow: 0 20px 40px rgba(0, 0, 0, 0.1);

display: flex;

justify-content: space-between;

align-items: center;

}

.logo {

display: flex;

align-items: center;

gap: 15px;

}

.logo-icon {

width: 50px;

height: 50px;

background: linear-gradient(135deg, #667eea, #764ba2);

border-radius: 15px;

display: flex;

align-items: center;

justify-content: center;

font-size: 24px;

}

h1 {

color: #2d3748;

font-size: 28px;

}

.subtitle {

color: #718096;

font-size: 14px;

margin-top: 5px;

}

.status-bar {

display: flex;

gap: 20px;

align-items: center;

}

.status-item {

text-align: center;

}

.status-value {

font-size: 24px;

font-weight: bold;

color: #2d3748;

}

.status-label {

font-size: 12px;

color: #718096;

}

.agents-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));

gap: 20px;

margin-bottom: 30px;

}

.agent-card {

background: rgba(255, 255, 255, 0.95);

backdrop-filter: blur(10px);

border-radius: 20px;

padding: 25px;

box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

transition: transform 0.3s, box-shadow 0.3s;

cursor: pointer;

position: relative;

overflow: hidden;

}

.agent-card:hover {

transform: translateY(-5px);

box-shadow: 0 20px 40px rgba(0, 0, 0, 0.15);

}

.agent-card::before {

content: '';

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 4px;

background: linear-gradient(90deg, #667eea, #764ba2);

}

.agent-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 20px;

}

.agent-icon {

width: 40px;

height: 40px;

border-radius: 10px;

display: flex;

align-items: center;

justify-content: center;

font-size: 20px;

}

.agent-1 { background: linear-gradient(135deg, #667eea, #5a67d8); }

.agent-2 { background: linear-gradient(135deg, #f687b3, #ed64a6); }

.agent-3 { background: linear-gradient(135deg, #48bb78, #38a169); }

.agent-4 { background: linear-gradient(135deg, #ed8936, #dd6b20); }

.agent-5 { background: linear-gradient(135deg, #fc8181, #f56565); }

.agent-status {

display: flex;

align-items: center;

gap: 5px;

padding: 5px 10px;

border-radius: 20px;

font-size: 12px;

font-weight: 600;

}

.status-active {

background: #c6f6d5;

color: #22543d;

}

.status-processing {

background: #feebc8;

color: #7c2d12;

animation: pulse 2s infinite;

}

.status-idle {

background: #e2e8f0;

color: #4a5568;

}

@keyframes pulse {

0%, 100% { opacity: 1; }

50% { opacity: 0.5; }

}

.agent-title {

font-size: 18px;

font-weight: 600;

color: #2d3748;

margin-bottom: 5px;

}

.agent-description {

color: #718096;

font-size: 14px;

margin-bottom: 15px;

}

.agent-stats {

display: flex;

gap: 15px;

padding-top: 15px;

border-top: 1px solid #e2e8f0;

}

.stat {

flex: 1;

text-align: center;

}

.stat-value {

font-size: 20px;

font-weight: bold;

color: #2d3748;

}

.stat-label {

font-size: 11px;

color: #a0aec0;

margin-top: 2px;

}

.workflow-visualization {

background: rgba(255, 255, 255, 0.95);

backdrop-filter: blur(10px);

border-radius: 20px;

padding: 30px;

box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

margin-bottom: 30px;

}

.flow-container {

display: flex;

justify-content: space-between;

align-items: center;

position: relative;

padding: 20px 0;

}

.flow-step {

flex: 1;

text-align: center;

position: relative;

z-index: 2;

}

.flow-icon {

width: 60px;

height: 60px;

margin: 0 auto 10px;

border-radius: 50%;

display: flex;

align-items: center;

justify-content: center;

font-size: 24px;

background: white;

box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);

}

.flow-arrow {

position: absolute;

top: 50%;

transform: translateY(-50%);

width: calc(100% - 100px);

height: 2px;

background: linear-gradient(90deg, #cbd5e0 0%, #cbd5e0 50%, transparent 50%);

background-size: 20px 2px;

z-index: 1;

}

.action-buttons {

display: flex;

gap: 15px;

background: rgba(255, 255, 255, 0.95);

backdrop-filter: blur(10px);

border-radius: 20px;

padding: 20px;

box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

}

.btn {

flex: 1;

padding: 15px 30px;

border: none;

border-radius: 12px;

font-size: 16px;

font-weight: 600;

cursor: pointer;

transition: all 0.3s;

display: flex;

align-items: center;

justify-content: center;

gap: 10px;

}

.btn-primary {

background: linear-gradient(135deg, #667eea, #764ba2);

color: white;

}

.btn-primary:hover {

transform: translateY(-2px);

box-shadow: 0 10px 20px rgba(102, 126, 234, 0.3);

}

.btn-secondary {

background: white;

color: #4a5568;

border: 2px solid #e2e8f0;

}

.btn-secondary:hover {

background: #f7fafc;

}

.real-time-ticker {

position: fixed;

bottom: 0;

left: 0;

right: 0;

background: rgba(45, 55, 72, 0.95);

backdrop-filter: blur(10px);

color: white;

padding: 10px;

display: flex;

align-items: center;

gap: 30px;

overflow: hidden;

}

.ticker-item {

display: flex;

align-items: center;

gap: 10px;

white-space: nowrap;

animation: scroll 20s linear infinite;

}

@keyframes scroll {

0% { transform: translateX(100%); }

100% { transform: translateX(-100%); }

}

</style>

</head>

<body>

<div class="container">

*<!-- Header -->*

<div class="header">

<div class="logo">

<div class="logo-icon">🤖</div>

<div>

<h1>Sistema Multi-Agente Financeiro</h1>

<div class="subtitle">Automatização Inteligente de Relatórios de Execução</div>

</div>

</div>

<div class="status-bar">

<div class="status-item">

<div class="status-value">247</div>

<div class="status-label">Docs Hoje</div>

</div>

<div class="status-item">

<div class="status-value">98.3%</div>

<div class="status-label">Precisão</div>

</div>

<div class="status-item">

<div class="status-value">1.2s</div>

<div class="status-label">Tempo Médio</div>

</div>

</div>

</div>

*<!-- Workflow Visualization -->*

<div class="workflow-visualization">

<h2 style="margin-bottom: 20px; color: #2d3748;">Fluxo de Processamento</h2>

<div class="flow-container">

<div class="flow-arrow"></div>

<div class="flow-step">

<div class="flow-icon" style="background: linear-gradient(135deg, #667eea, #5a67d8); color: white;">📸</div>

<div>Captura</div>

</div>

<div class="flow-step">

<div class="flow-icon" style="background: linear-gradient(135deg, #f687b3, #ed64a6); color: white;">🔍</div>

<div>OCR</div>

</div>

<div class="flow-step">

<div class="flow-icon" style="background: linear-gradient(135deg, #48bb78, #38a169); color: white;">🏷️</div>

<div>Classificação</div>

</div>

<div class="flow-step">

<div class="flow-icon" style="background: linear-gradient(135deg, #ed8936, #dd6b20); color: white;">📊</div>

<div>Análise</div>

</div>

<div class="flow-step">

<div class="flow-icon" style="background: linear-gradient(135deg, #fc8181, #f56565); color: white;">⚠️</div>

<div>Riscos</div>

</div>

</div>

</div>

*<!-- Agents Grid -->*

<div class="agents-grid">

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon agent-1">📸</div>

<div class="agent-status status-processing">

<span style="width: 8px; height: 8px; background: #ed8936; border-radius: 50%;"></span>

Processando

</div>

</div>

<div class="agent-title">Agente 1: Coleta e OCR</div>

<div class="agent-description">Captura e extração de texto de documentos financeiros</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">142</div>

<div class="stat-label">PROCESSADOS</div>

</div>

<div class="stat">

<div class="stat-value">99.2%</div>

<div class="stat-label">PRECISÃO OCR</div>

</div>

<div class="stat">

<div class="stat-value">0.8s</div>

<div class="stat-label">TEMPO MÉDIO</div>

</div>

</div>

</div>

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon agent-2">🏷️</div>

<div class="agent-status status-active">

<span style="width: 8px; height: 8px; background: #48bb78; border-radius: 50%;"></span>

Ativo

</div>

</div>

<div class="agent-title">Agente 2: Classificação PGC-AO</div>

<div class="agent-description">Mapeamento inteligente para contas contábeis</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">138</div>

<div class="stat-label">CLASSIFICADOS</div>

</div>

<div class="stat">

<div class="stat-value">96.5%</div>

<div class="stat-label">CONFIANÇA</div>

</div>

<div class="stat">

<div class="stat-value">247</div>

<div class="stat-label">CONTAS PGC</div>

</div>

</div>

</div>

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon agent-3">📊</div>

<div class="agent-status status-idle">

<span style="width: 8px; height: 8px; background: #cbd5e0; border-radius: 50%;"></span>

Aguardando

</div>

</div>

<div class="agent-title">Agente 3: Execução Orçamentária</div>

<div class="agent-description">Comparação e análise orçado vs realizado</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">12</div>

<div class="stat-label">RELATÓRIOS</div>

</div>

<div class="stat">

<div class="stat-value">87.3%</div>

<div class="stat-label">EXECUÇÃO</div>

</div>

<div class="stat">

<div class="stat-value">5</div>

<div class="stat-label">ALERTAS</div>

</div>

</div>

</div>

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon agent-4">💰</div>

<div class="agent-status status-active">

<span style="width: 8px; height: 8px; background: #48bb78; border-radius: 50%;"></span>

Ativo

</div>

</div>

<div class="agent-title">Agente 4: Tesouraria</div>

<div class="agent-description">Monitoramento de fluxo de caixa e liquidez</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">2.5M</div>

<div class="stat-label">SALDO KZ</div>

</div>

<div class="stat">

<div class="stat-value">15</div>

<div class="stat-label">DIAS COBERT.</div>

</div>

<div class="stat">

<div class="stat-value">1.2</div>

<div class="stat-label">LIQUIDEZ</div>

</div>

</div>

</div>

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon agent-5">⚠️</div>

<div class="agent-status status-processing">

<span style="width: 8px; height: 8px; background: #ed8936; border-radius: 50%;"></span>

Analisando

</div>

</div>

<div class="agent-title">Agente 5: Análise de Riscos</div>

<div class="agent-description">Identificação de riscos e planos de contingência</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">3</div>

<div class="stat-label">CRÍTICOS</div>

</div>

<div class="stat">

<div class="stat-value">7</div>

<div class="stat-label">AVISOS</div>

</div>

<div class="stat">

<div class="stat-value">42.5</div>

<div class="stat-label">SCORE RISCO</div>

</div>

</div>

</div>

<div class="agent-card">

<div class="agent-header">

<div class="agent-icon" style="background: linear-gradient(135deg, #9f7aea, #805ad5); color: white;">📧</div>

<div class="agent-status status-active">

<span style="width: 8px; height: 8px; background: #48bb78; border-radius: 50%;"></span>

Ativo

</div>

</div>

<div class="agent-title">Sistema de Notificações</div>

<div class="agent-description">Alertas automáticos e relatórios por email</div>

<div class="agent-stats">

<div class="stat">

<div class="stat-value">28</div>

<div class="stat-label">ENVIADOS</div>

</div>

<div class="stat">

<div class="stat-value">5</div>

<div class="stat-label">URGENTES</div>

</div>

<div class="stat">

<div class="stat-value">100%</div>

<div class="stat-label">ENTREGUES</div>

</div>

</div>

</div>

</div>

*<!-- Action Buttons -->*

<div class="action-buttons">

<button class="btn btn-primary">

<span>📸</span>

Capturar Documento

</button>

<button class="btn btn-primary">

<span>📊</span>

Gerar Relatórios

</button>

<button class="btn btn-secondary">

<span>⚙️</span>

Configurações

</button>

<button class="btn btn-secondary">

<span>📈</span>

Analytics

</button>

</div>

</div>

*<!-- Real-time Ticker -->*

<div class="real-time-ticker">

<div class="ticker-item">

⚡ Último documento processado: Factura #2025-142 | ✅ Classificado como 714 - Venda Agrícola | 💰 Valor: 2.100.000 Kz | ⏱️ Tempo: 1.2s

</div>

</div>

<script>

*// Simular atualizações em tempo real*

setInterval(() => {

const statuses = ['status-active', 'status-processing', 'status-idle'];

const cards = document.querySelectorAll('.agent-card');

cards.forEach((card, index) => {

if (Math.random() > 0.7) {

const statusElement = card.querySelector('.agent-status');

const currentStatus = Array.from(statusElement.classList).find(cls => cls.startsWith('status-'));

statusElement.classList.remove(currentStatus);

const newStatus = statuses[Math.floor(Math.random() \* statuses.length)];

statusElement.classList.add(newStatus);

*// Atualizar texto do status*

const statusTexts = {

'status-active': 'Ativo',

'status-processing': 'Processando',

'status-idle': 'Aguardando'

};

statusElement.innerHTML = `

<span style="width: 8px; height: 8px; background: ${

newStatus === 'status-active' ? '#48bb78' :

newStatus === 'status-processing' ? '#ed8936' : '#cbd5e0'

}; border-radius: 50%;"></span>

${statusTexts[newStatus]}

`;

}

});

}, 3000);

</script>

</body>

</html>