**6️⃣ Dashboard de Tesouraria**

**Ver:** [**Dashboard de Tesouraria - Agente 4 | Claude | Claude**](https://claude.ai/public/artifacts/acba18e5-7bdf-4294-9893-919af44a6790)

**Codigo:**

<!DOCTYPE html>

<html lang="pt-AO">

<head>

<meta charset="UTF-8">

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

<title>Dashboard de Tesouraria - Fluxo de Caixa</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, #ed8936 0%, #dd6b20 100%);

min-height: 100vh;

padding: 20px;

}

.treasury-container {

max-width: 1600px;

margin: 0 auto;

}

.header {

background: rgba(255, 255, 255, 0.98);

border-radius: 20px;

padding: 30px;

margin-bottom: 30px;

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

}

.header-content {

display: flex;

justify-content: space-between;

align-items: center;

}

h1 {

color: #2d3748;

font-size: 28px;

display: flex;

align-items: center;

gap: 15px;

}

.real-time-indicator {

display: flex;

align-items: center;

gap: 10px;

background: linear-gradient(135deg, #10b981, #059669);

color: white;

padding: 8px 20px;

border-radius: 25px;

font-size: 14px;

font-weight: 600;

}

.pulse {

width: 10px;

height: 10px;

background: white;

border-radius: 50%;

animation: pulse 2s infinite;

}

@keyframes pulse {

0%, 100% { opacity: 1; transform: scale(1); }

50% { opacity: 0.5; transform: scale(1.5); }

}

.cash-position {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));

gap: 20px;

margin-bottom: 30px;

}

.position-card {

background: rgba(255, 255, 255, 0.98);

border-radius: 20px;

padding: 25px;

box-shadow: 0 10px 30px rgba(0, 0, 0, 0.05);

position: relative;

overflow: hidden;

}

.position-card::before {

content: '';

position: absolute;

top: 0;

left: 0;

right: 0;

height: 4px;

}

.position-card.bank::before {

background: linear-gradient(90deg, #3b82f6, #2563eb);

}

.position-card.cash::before {

background: linear-gradient(90deg, #10b981, #059669);

}

.position-card.pending::before {

background: linear-gradient(90deg, #f59e0b, #d97706);

}

.position-card.available::before {

background: linear-gradient(90deg, #8b5cf6, #7c3aed);

}

.position-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 15px;

}

.position-icon {

width: 40px;

height: 40px;

border-radius: 10px;

display: flex;

align-items: center;

justify-content: center;

font-size: 20px;

}

.position-icon.bank {

background: linear-gradient(135deg, #dbeafe, #bfdbfe);

color: #1e40af;

}

.position-icon.cash {

background: linear-gradient(135deg, #d1fae5, #a7f3d0);

color: #065f46;

}

.position-icon.pending {

background: linear-gradient(135deg, #fed7aa, #fbbf24);

color: #78350f;

}

.position-icon.available {

background: linear-gradient(135deg, #e9d5ff, #ddd6fe);

color: #581c87;

}

.position-value {

font-size: 28px;

font-weight: bold;

color: #2d3748;

margin-bottom: 5px;

}

.position-label {

color: #718096;

font-size: 14px;

margin-bottom: 10px;

}

.position-details {

display: flex;

justify-content: space-between;

padding-top: 10px;

border-top: 1px solid #e2e8f0;

font-size: 13px;

}

.detail-item {

text-align: center;

}

.detail-value {

font-weight: 600;

color: #2d3748;

}

.detail-label {

color: #a0aec0;

font-size: 11px;

margin-top: 2px;

}

.main-grid {

display: grid;

grid-template-columns: 2fr 1fr;

gap: 30px;

margin-bottom: 30px;

}

.panel {

background: rgba(255, 255, 255, 0.98);

border-radius: 20px;

padding: 30px;

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

}

.panel-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 25px;

}

.panel-title {

font-size: 20px;

font-weight: 600;

color: #2d3748;

display: flex;

align-items: center;

gap: 10px;

}

.timeline-controls {

display: flex;

gap: 10px;

}

.timeline-btn {

padding: 8px 15px;

border: 1px solid #e2e8f0;

background: white;

border-radius: 8px;

cursor: pointer;

transition: all 0.3s;

font-size: 14px;

}

.timeline-btn:hover {

background: #f7fafc;

}

.timeline-btn.active {

background: linear-gradient(135deg, #ed8936, #dd6b20);

color: white;

border-color: transparent;

}

.cashflow-chart {

position: relative;

height: 350px;

margin-bottom: 20px;

}

.chart-grid {

position: absolute;

top: 0;

left: 0;

right: 0;

bottom: 40px;

border-left: 2px solid #e2e8f0;

border-bottom: 2px solid #e2e8f0;

}

.chart-lines {

position: absolute;

top: 0;

left: 0;

right: 0;

bottom: 0;

}

.grid-line {

position: absolute;

left: 0;

right: 0;

border-top: 1px dashed #e2e8f0;

}

.chart-data {

position: absolute;

top: 20px;

left: 40px;

right: 20px;

bottom: 60px;

display: flex;

align-items: flex-end;

justify-content: space-between;

}

.day-bar {

flex: 1;

display: flex;

flex-direction: column;

align-items: center;

gap: 5px;

cursor: pointer;

position: relative;

}

.day-bar:hover .tooltip {

opacity: 1;

visibility: visible;

}

.bar-container {

width: 100%;

height: 280px;

display: flex;

align-items: flex-end;

justify-content: center;

gap: 2px;

}

.bar {

width: 35%;

border-radius: 4px 4px 0 0;

transition: all 0.3s;

}

.bar:hover {

opacity: 0.8;

}

.bar-in {

background: linear-gradient(180deg, #10b981, #059669);

}

.bar-out {

background: linear-gradient(180deg, #ef4444, #dc2626);

}

.day-label {

font-size: 11px;

color: #718096;

margin-top: 5px;

}

.tooltip {

position: absolute;

bottom: 100%;

left: 50%;

transform: translateX(-50%);

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

color: white;

padding: 10px;

border-radius: 8px;

font-size: 12px;

white-space: nowrap;

opacity: 0;

visibility: hidden;

transition: all 0.3s;

z-index: 10;

}

.balance-line {

position: absolute;

top: 20px;

left: 40px;

right: 20px;

bottom: 60px;

pointer-events: none;

}

.balance-path {

stroke: #ed8936;

stroke-width: 3;

fill: none;

stroke-dasharray: 1000;

stroke-dashoffset: 1000;

animation: drawLine 2s ease-out forwards;

}

@keyframes drawLine {

to {

stroke-dashoffset: 0;

}

}

.balance-point {

fill: white;

stroke: #ed8936;

stroke-width: 2;

}

.transactions-table {

max-height: 400px;

overflow-y: auto;

}

.transaction-item {

display: flex;

justify-content: space-between;

align-items: center;

padding: 12px;

border-bottom: 1px solid #e2e8f0;

transition: background 0.3s;

}

.transaction-item:hover {

background: #f7fafc;

}

.transaction-info {

display: flex;

align-items: center;

gap: 12px;

flex: 1;

}

.transaction-type {

width: 35px;

height: 35px;

border-radius: 8px;

display: flex;

align-items: center;

justify-content: center;

font-size: 16px;

}

.transaction-type.inflow {

background: #d1fae5;

color: #065f46;

}

.transaction-type.outflow {

background: #fee2e2;

color: #991b1b;

}

.transaction-details {

flex: 1;

}

.transaction-description {

font-size: 14px;

font-weight: 600;

color: #2d3748;

margin-bottom: 2px;

}

.transaction-date {

font-size: 12px;

color: #a0aec0;

}

.transaction-amount {

font-size: 16px;

font-weight: 600;

}

.amount-positive {

color: #059669;

}

.amount-negative {

color: #dc2626;

}

.liquidity-panel {

background: linear-gradient(135deg, #fef3c7, #fde68a);

border-radius: 15px;

padding: 20px;

margin-bottom: 20px;

}

.liquidity-header {

display: flex;

justify-content: space-between;

align-items: center;

margin-bottom: 15px;

}

.liquidity-title {

font-weight: 600;

color: #78350f;

font-size: 16px;

}

.liquidity-ratio {

font-size: 24px;

font-weight: bold;

color: #92400e;

}

.liquidity-bar {

background: rgba(255, 255, 255, 0.5);

border-radius: 10px;

height: 15px;

overflow: hidden;

margin-bottom: 10px;

}

.liquidity-fill {

height: 100%;

background: linear-gradient(90deg, #f59e0b, #d97706);

border-radius: 10px;

transition: width 1s ease-out;

}

.liquidity-info {

display: flex;

justify-content: space-between;

font-size: 13px;

color: #78350f;

}

.critical-dates {

background: linear-gradient(135deg, #fee2e2, #fecaca);

border-radius: 15px;

padding: 20px;

}

.critical-title {

font-weight: 600;

color: #991b1b;

margin-bottom: 15px;

display: flex;

align-items: center;

gap: 8px;

}

.critical-item {

display: flex;

justify-content: space-between;

align-items: center;

padding: 10px;

background: white;

border-radius: 10px;

margin-bottom: 10px;

}

.critical-date {

font-weight: 600;

color: #2d3748;

font-size: 14px;

}

.critical-amount {

color: #dc2626;

font-weight: 600;

}

.action-buttons {

display: flex;

gap: 15px;

background: rgba(255, 255, 255, 0.98);

border-radius: 20px;

padding: 20px;

box-shadow: 0 10px 30px rgba(0, 0, 0, 0.05);

}

.btn {

flex: 1;

padding: 15px 25px;

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, #ed8936, #dd6b20);

color: white;

}

.btn-primary:hover {

transform: translateY(-2px);

box-shadow: 0 10px 30px rgba(237, 137, 54, 0.3);

}

.btn-secondary {

background: white;

color: #4a5568;

border: 2px solid #e2e8f0;

}

</style>

</head>

<body>

<div class="treasury-container">

*<!-- Header -->*

<div class="header">

<div class="header-content">

<h1>

<span>💰</span>

Tesouraria e Fluxo de Caixa - Agente 4

</h1>

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

<div class="pulse"></div>

<span>Tempo Real</span>

</div>

</div>

<p style="color: #718096; margin-top: 10px;">Última atualização: 15/10/2025 14:35:22</p>

</div>

*<!-- Cash Position Cards -->*

<div class="cash-position">

<div class="position-card bank">

<div class="position-header">

<div class="position-icon bank">🏦</div>

<span style="font-size: 12px; color: #3b82f6; font-weight: 600;">BFA + BIC</span>

</div>

<div class="position-value">Kz 1.850.000</div>

<div class="position-label">Saldo Bancário</div>

<div class="position-details">

<div class="detail-item">

<div class="detail-value">Kz 1.2M</div>

<div class="detail-label">BFA</div>

</div>

<div class="detail-item">

<div class="detail-value">Kz 650K</div>

<div class="detail-label">BIC</div>

</div>

<div class="detail-item">

<div class="detail-value">2</div>

<div class="detail-label">Contas</div>

</div>

</div>

</div>

<div class="position-card cash">

<div class="position-header">

<div class="position-icon cash">💵</div>

<span style="font-size: 12px; color: #10b981; font-weight: 600;">Disponível</span>

</div>

<div class="position-value">Kz 650.000</div>

<div class="position-label">Caixa</div>

<div class="position-details">

<div class="detail-item">

<div class="detail-value">Kz 450K</div>

<div class="detail-label">Sede</div>

</div>

<div class="detail-item">

<div class="detail-value">Kz 200K</div>

<div class="detail-label">Fazenda</div>

</div>

<div class="detail-item">

<div class="detail-value">24h</div>

<div class="detail-label">Acesso</div>

</div>

</div>

</div>

<div class="position-card pending">

<div class="position-header">

<div class="position-icon pending">⏳</div>

<span style="font-size: 12px; color: #f59e0b; font-weight: 600;">Em Trânsito</span>

</div>

<div class="position-value">Kz 1.200.000</div>

<div class="position-label">A Receber (7 dias)</div>

<div class="position-details">

<div class="detail-item">

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

<div class="detail-label">Faturas</div>

</div>

<div class="detail-item">

<div class="detail-value">Kz 800K</div>

<div class="detail-label">Confirmado</div>

</div>

<div class="detail-item">

<div class="detail-value">66.7%</div>

<div class="detail-label">Certeza</div>

</div>

</div>

</div>

<div class="position-card available">

<div class="position-header">

<div class="position-icon available">💳</div>

<span style="font-size: 12px; color: #8b5cf6; font-weight: 600;">Emergencial</span>

</div>

<div class="position-value">Kz 500.000</div>

<div class="position-label">Linha de Crédito</div>

<div class="position-details">

<div class="detail-item">

<div class="detail-value">0%</div>

<div class="detail-label">Usado</div>

</div>

<div class="detail-item">

<div class="detail-value">18%</div>

<div class="detail-label">Taxa a.a.</div>

</div>

<div class="detail-item">

<div class="detail-value">Ativo</div>

<div class="detail-label">Status</div>

</div>

</div>

</div>

</div>

*<!-- Main Grid -->*

<div class="main-grid">

*<!-- Cashflow Chart -->*

<div class="panel">

<div class="panel-header">

<div class="panel-title">

<span>📈</span>

Fluxo de Caixa Diário

</div>

<div class="timeline-controls">

<button class="timeline-btn active">7 dias</button>

<button class="timeline-btn">15 dias</button>

<button class="timeline-btn">30 dias</button>

</div>

</div>

<div class="cashflow-chart">

<div class="chart-grid">

<div class="grid-line" style="bottom: 20%;"></div>

<div class="grid-line" style="bottom: 40%;"></div>

<div class="grid-line" style="bottom: 60%;"></div>

<div class="grid-line" style="bottom: 80%;"></div>

</div>

<div class="chart-data">

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 45%;"></div>

<div class="bar bar-out" style="height: 30%;"></div>

</div>

<div class="day-label">Seg 09</div>

<div class="tooltip">

Entradas: 450K<br>

Saídas: 300K<br>

Saldo: 2.5M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 20%;"></div>

<div class="bar bar-out" style="height: 55%;"></div>

</div>

<div class="day-label">Ter 10</div>

<div class="tooltip">

Entradas: 200K<br>

Saídas: 550K<br>

Saldo: 2.15M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 60%;"></div>

<div class="bar bar-out" style="height: 25%;"></div>

</div>

<div class="day-label">Qua 11</div>

<div class="tooltip">

Entradas: 600K<br>

Saídas: 250K<br>

Saldo: 2.5M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 35%;"></div>

<div class="bar bar-out" style="height: 40%;"></div>

</div>

<div class="day-label">Qui 12</div>

<div class="tooltip">

Entradas: 350K<br>

Saídas: 400K<br>

Saldo: 2.45M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 70%;"></div>

<div class="bar bar-out" style="height: 20%;"></div>

</div>

<div class="day-label">Sex 13</div>

<div class="tooltip">

Entradas: 700K<br>

Saídas: 200K<br>

Saldo: 2.95M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 15%;"></div>

<div class="bar bar-out" style="height: 10%;"></div>

</div>

<div class="day-label">Sáb 14</div>

<div class="tooltip">

Entradas: 150K<br>

Saídas: 100K<br>

Saldo: 3M

</div>

</div>

<div class="day-bar">

<div class="bar-container">

<div class="bar bar-in" style="height: 80%;"></div>

<div class="bar bar-out" style="height: 15%;"></div>

</div>

<div class="day-label">Dom 15</div>

<div class="tooltip">

Entradas: 800K<br>

Saídas: 150K<br>

Saldo: 3.65M

</div>

</div>

</div>

<svg class="balance-line" viewBox="0 0 100 100" preserveAspectRatio="none">

<path class="balance-path" d="M 5,60 L 20,70 L 35,50 L 50,55 L 65,30 L 80,35 L 95,20"

vector-effect="non-scaling-stroke"/>

<circle class="balance-point" cx="5" cy="60" r="4"/>

<circle class="balance-point" cx="20" cy="70" r="4"/>

<circle class="balance-point" cx="35" cy="50" r="4"/>

<circle class="balance-point" cx="50" cy="55" r="4"/>

<circle class="balance-point" cx="65" cy="30" r="4"/>

<circle class="balance-point" cx="80" cy="35" r="4"/>

<circle class="balance-point" cx="95" cy="20" r="4"/>

</svg>

</div>

*<!-- Transactions -->*

<div class="panel-title" style="margin: 25px 0 15px;">

<span>📋</span>

Movimentações do Dia

</div>

<div class="transactions-table">

<div class="transaction-item">

<div class="transaction-info">

<div class="transaction-type inflow">↓</div>

<div class="transaction-details">

<div class="transaction-description">Suprimento ENDIAMA</div>

<div class="transaction-date">15/10/2025 09:15</div>

</div>

</div>

<div class="transaction-amount amount-positive">+1.000.000</div>

</div>

<div class="transaction-item">

<div class="transaction-info">

<div class="transaction-type inflow">↓</div>

<div class="transaction-details">

<div class="transaction-description">Venda Milho - Cliente #142</div>

<div class="transaction-date">15/10/2025 10:30</div>

</div>

</div>

<div class="transaction-amount amount-positive">+2.100.000</div>

</div>

<div class="transaction-item">

<div class="transaction-info">

<div class="transaction-type outflow">↑</div>

<div class="transaction-details">

<div class="transaction-description">Pagamento Energia - ENDE</div>

<div class="transaction-date">15/10/2025 11:45</div>

</div>

</div>

<div class="transaction-amount amount-negative">-39.583</div>

</div>

<div class="transaction-item">

<div class="transaction-info">

<div class="transaction-type outflow">↑</div>

<div class="transaction-details">

<div class="transaction-description">INSS - Contribuições</div>

<div class="transaction-date">15/10/2025 14:00</div>

</div>

</div>

<div class="transaction-amount amount-negative">-17.333</div>

</div>

<div class="transaction-item">

<div class="transaction-info">

<div class="transaction-type inflow">↓</div>

<div class="transaction-details">

<div class="transaction-description">Recebimento Feijão</div>

<div class="transaction-date">15/10/2025 14:30</div>

</div>

</div>

<div class="transaction-amount amount-positive">+1.050.000</div>

</div>

</div>

</div>

*<!-- Liquidity & Alerts -->*

<div>

<div class="panel" style="margin-bottom: 25px;">

<div class="panel-title" style="margin-bottom: 20px;">

<span>💧</span>

Análise de Liquidez

</div>

<div class="liquidity-panel">

<div class="liquidity-header">

<div class="liquidity-title">Índice de Liquidez</div>

<div class="liquidity-ratio">1.2</div>

</div>

<div class="liquidity-bar">

<div class="liquidity-fill" style="width: 65%;"></div>

</div>

<div class="liquidity-info">

<span>Mínimo: 1.0</span>

<span>Ideal: 1.5</span>

</div>

</div>

<div style="display: grid; gap: 15px; margin-bottom: 20px;">

<div style="background: #f7fafc; border-radius: 12px; padding: 15px;">

<div style="display: flex; justify-content: space-between; margin-bottom: 8px;">

<span style="color: #718096; font-size: 13px;">Recebíveis (7 dias)</span>

<span style="color: #10b981; font-weight: 600;">Kz 1.2M</span>

</div>

<div style="display: flex; justify-content: space-between;">

<span style="color: #718096; font-size: 13px;">Pagamentos (7 dias)</span>

<span style="color: #ef4444; font-weight: 600;">Kz 980K</span>

</div>

</div>

<div style="background: linear-gradient(135deg, #f0fdf4, #dcfce7); border-radius: 12px; padding: 15px;">

<div style="display: flex; justify-content: space-between; align-items: center;">

<div>

<div style="color: #14532d; font-weight: 600; margin-bottom: 4px;">Cobertura</div>

<div style="color: #166534; font-size: 13px;">Dias de operação</div>

</div>

<div style="font-size: 28px; font-weight: bold; color: #14532d;">15</div>

</div>

</div>

</div>

<div class="critical-dates">

<div class="critical-title">

<span>🔴</span>

Datas Críticas

</div>

<div class="critical-item">

<span class="critical-date">20/10 - Sex</span>

<span class="critical-amount">-595K</span>

</div>

<div class="critical-item">

<span class="critical-date">25/10 - Qua</span>

<span class="critical-amount">-216K</span>

</div>

<div class="critical-item">

<span class="critical-date">31/10 - Ter</span>

<span class="critical-amount">-450K</span>

</div>

</div>

</div>

<div class="panel">

<div class="panel-title" style="margin-bottom: 20px;">

<span>⚡</span>

Ações Rápidas

</div>

<div style="display: grid; gap: 12px;">

<button class="btn" style="background: linear-gradient(135deg, #3b82f6, #2563eb); color: white;">

<span>💳</span>

Ativar Linha Crédito

</button>

<button class="btn" style="background: linear-gradient(135deg, #10b981, #059669); color: white;">

<span>📞</span>

Cobrar Recebíveis

</button>

<button class="btn" style="background: linear-gradient(135deg, #f59e0b, #d97706); color: white;">

<span>⏰</span>

Adiar Pagamentos

</button>

<button class="btn" style="background: white; border: 2px solid #e2e8f0; color: #4a5568;">

<span>📊</span>

Relatório Completo

</button>

</div>

</div>

</div>

</div>

*<!-- Action Buttons -->*

<div class="action-buttons">

<button class="btn btn-secondary">

<span>📅</span>

Planejar Próxima Semana

</button>

<button class="btn btn-primary">

<span>✅</span>

Aprovar Pagamentos Hoje

</button>

<button class="btn btn-secondary">

<span>📧</span>

Enviar Relatório CFO

</button>

</div>

</div>

<script>

*// Animar barras*

window.addEventListener('load', () => {

const bars = document.querySelectorAll('.bar');

bars.forEach((bar, index) => {

const height = bar.style.height;

bar.style.height = '0';

setTimeout(() => {

bar.style.transition = 'height 0.8s ease-out';

bar.style.height = height;

}, index \* 50);

});

});

*// Timeline controls*

const timelineBtns = document.querySelectorAll('.timeline-btn');

timelineBtns.forEach(btn => {

btn.addEventListener('click', () => {

timelineBtns.forEach(b => b.classList.remove('active'));

btn.classList.add('active');

});

});

</script>

</body>

</html>