Coffee Management System: The Ultimate User Quest ☕🏆

Welcome, Coffee Adventurer! ✸ You've just unlocked the gateway to mastering the Coffee Management System – a magical Odoo module that turns chaotic coffee chaos into a smooth, traceable brew of efficiency. Think of this manual as your interactive quest log. You'll level up through challenges, earn virtual badges, and conquer workflows like a pro barista battling a stubborn espresso machine.

Your Mission: Transform from a Coffee Novice to a Grand Master Roaster by completing quests, following step-by-step maps, and collecting tips along the way. Each section is a level – complete them in order for the best experience, or jump around if you're feeling bold!

Pro Tip: Bookmark this manual in your browser. Use emojis as your guides: ☕ for coffee facts, 🏆 for badges, 📝 for checklists, and ⚠ for warnings.

Quest Rewards:

- **Full Traceability:** Track every bean like a detective!
- **Epic Efficiency:** Save time and avoid mix-ups.
- **Data Power-Ups:** Reports that make you feel like a wizard.

System Requirements (Your Gear Check):

- Odoo Enterprise v16.0+ (your enchanted platform)
- 4GB RAM minimum (8GB for boss-level operations)
- PostgreSQL 12+ (the database dragon)
- Modern browser (Chrome, Firefox, Edge – your trusty steed)

Supported Languages & Regions (Global Adventure Mode):

- English ☕, Amharic, Spanish, French, Arabic
- Customize dates, numbers, units (metric/imperial), and currencies (USD, EUR, ETB) in Settings > Translations > Languages.

Training Treasures (Power-Up Your Skills):

- Watch video tutorials: Getting Started Playlist – Short, fun clips!
- Join webinars or forums for community quests.

- Earn certifications: [Coffee Management Certification Course](#) – Become a legend!

Ready? Let's brew this! 🚀

Level 1: Setup Your Base Camp – Master Data Configuration 🛠️ 📋 ▾

Quest Objective: Build your foundation. This is a one-time setup (or rare updates) done by an admin. Complete this to unlock all other levels!

Why It Matters: Like planting coffee seeds – get this right, and everything grows smoothly.

Step-by-Step Checklist: 🖋️

1. **Geographical Zones & Districts:**
   - Go to `Coffee Management > Configuration > Zones/Province`.
   - Add your operational areas (e.g., Guji Zone). 🗺️
   - Then, `Coffee Management > Configuration > Woredas/District` – Add districts within zones.
2. **Coffee Classifications:**
   - In `Configuration`, define:
   - **Coffee Types** (e.g., Washed ☕, Unwashed).
   - **Coffee Origins** (e.g., Sidamo, Yirgacheffe).
   - **ECX Coffee Grades** (official grades like G1, G2).
3. **ECX Product Templates:**
   - `Configuration > ECX Coffee Products`.
   - Create combos like "Guji-Washed-G1" – These are your magic templates for arrivals.
4. **Finished Goods & Recipes (BoMs):**
   - `Inventory > Products > Products`.
   - Create storable products (e.g., "Roasted Guji G1 Coffee").
   - Add a **Bill of Materials (BoM)**: List raw materials (e.g., raw beans) – This powers auto-production!

User Permissions (Your Party Roles):

Role	Powers Unlocked
Coffee Management: User	Create arrivals & basics
Quality Technician	Evaluate beans like a pro
Warehouse Operator	Record weights & stock
Inventory: User	Receive into inventory
Sales: User	Create contracts
Administrator	Change configs & rule the realm

Level Complete? 🏆 Badge Earned: Base Camp Builder! You've set the stage. If issues arise, check FAQ for troubleshooting.

Quick Quiz (Self-Test): What happens if you skip templates? (Hint: Arrivals get stuck – no auto-products!)

Level 2: Explore the Map – Core Workflows Overview 🗺️ 🔍 ▼

Quest Objective: Get the big picture. Understand the two main paths: Procurement (buying raw coffee) and Sales (selling finished brews).

Procurement Path: From Truck to Treasure (Raw Coffee Arrival)

- **Steps Teaser:** Arrival → Quality Check → Weigh → Stock It!
- **Goal:** Turn raw beans into graded inventory with full traceability.
- **Fun Fact:** Every batch gets a unique name – no more generic "coffee" mix-ups! ☕

Sales Path: From Deal to Delivery (Finished Product Sales)

- **Steps Teaser:** Create Contract → Confirm → Auto-Orders → Ship & Produce!
- **Goal:** Sell roasted magic with linked deliveries and manufacturing.
- **Power-Up:** System auto-creates orders – less clicking, more sipping!

Workflow Visuals (Your Treasure Maps):

Procurement Workflow

Figure 1: Coffee Procurement Workflow - From arrival to graded stock

Sales Workflow

Figure 2: Coffee Sales Workflow - From contract to production

Level Complete? 🏆 Badge Earned: Map Master!   Now you're oriented. Pro Tip: Print these diagrams for your desk – instant cheat sheets!

> **Challenge:** Spot the key automation in each workflow. (Answer: Quality eval creates products; Contract confirm spawns orders.)

Level 3: Embark on Daily Quests – Detailed Step-by-Step Guides 🏕️ 🚀 ▼

Quest Objective: Hands-on adventures! Follow these like a recipe – complete one per day to level up fast.

1. Go to `Coffee Management > Operations > Coffee Arrival`.
2. Click **New** – Your adventure begins!
3. Fill in: Supplier, Vehicle Plate, ECX Product (from templates), Woreda/District.
4. **Save** – Status: Draft. Product field? Empty for now – magic incoming!

> **Mini-Challenge:** Create a test arrival. Time yourself – under 2 minutes? +1 Speed Badge!

1. From Draft arrival, click **Evaluate Quality**.
2. Popup: Enter Moisture %, Defects, Cup Scores (Acidity, Body, Flavor – rate 1-10!).
3. **Save** – Boom! System calculates Grade (e.g., G1), creates/names product (e.g., "Raw-Guji-Washed-G1-Coffee"), updates status to `Quality Evaluated`.

> ⚠ **Boss Alert:** If grade is "UG" (Under Grade), quest fails – reject and retry!

> **Fun Twist:** Pretend you're a coffee critic. High scores? Celebrate with a real cup! ☕

1. From Evaluated arrival, click **Record Weight**.
2. Popup: Bags, Gross Weight (KG), Truck Weight.
3. **Confirm** – Status: `Weight Recorded`. Data logged!

> **Pro Tip:** Double-check numbers – accuracy wins the game!

1. `Coffee Management > Operations > Stock Receiving > New`.
2. Select Arrival – Auto-fills product/weight.
3. Choose Warehouse & Block (location).

4.   **Save** > **Receive Stock** – Inventory updates, Arrival to `Done`!

> **Victory Dance:** Check inventory – your graded coffee is now "On Hand"!

1.   `Coffee Management > Contracts > Coffee Contracts > New.`
2.   Fill: Buyer, Warehouse, Date.
3.   Add Line: Select finished product, Quantity (Tons), Price (USD/LB) – Subtotal auto-calcs!
4.   **Save** (Draft) > **Confirm** – Auto-creates Delivery & Manufacturing Orders. Status: `Confirmed.`
5.   Use smart buttons to view orders – one-click access!

Level Complete? 🏆 Badge Earned: Workflow Warrior! You've conquered the core quests. Repeat daily to grind levels (pun intended).

> **Gamified Tip:** Track your completions in a journal. 10 arrivals? Unlock "Arrival Ace" title!

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Level 4: Unlock Insights – Reporting and Analytics 📊🔮 ▼

Quest Objective: Turn data into decisions. No more guessing – become a data detective!

Sub-Quest 4.1: Wizard-Based PDF Reports (Printable Power-Ups)

- `Coffee Management > Reporting.`
- Pick type (e.g., Arrival & Quality), date range, **Generate PDF**.
- Reports: Arrivals summary, Stock movements, Contract progress, Manufacturing overviews.

Sub-Quest 4.2: On-Screen Analytics (Interactive Dashboards)

- `Coffee Management > Reporting > Analytics & Reports.`
- Pivot/Graph views: Filter by supplier, grade, etc.
- Export to Excel for custom magic.

Level Complete? 🏆 Badge Earned: Analytics Alchemist!   Pro Tip: Set up favorites for quick access.

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Level 5: Boss Battles – FAQ & Troubleshooting ⚔♡ ▼

Quest Objective: Defeat common glitches. Use this as your potion kit!

- **Q: No Manufacturing Order on contract confirm?**
  A: Check: Selling finished product? BoM defined? "Manufacture" & "MTO" routes enabled? Fix and retry!
- **Q: Negative stock balance?**
  A: Product type must be "Storable" – not Consumable. Update in Inventory.
- **Q: Can't select supplier/product?**
  A: Suppliers need a Purchase Order first. Products need "Is a Coffee Product" checked.
- **Q: System slow during peaks?**
  A: Schedule reports off-peak, boost server resources, use batch mode.
- **Q: Fix wrong quality eval?**
  A: Cancel receiving, reset to Draft, re-eval, redo workflow.

Level Complete? 🏆 Badge Earned: Troubleshooting Titan! If stumped, contact support – they're your allies.

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Epilogue: Your Coffee Legacy ✹ ☕ ▼

Congratulations, Grand Master! You've completed the quest. Now, implement in real life:

- Start small: One arrival, one contract.
- Gather feedback: What quests need tweaks?
- Case Study Inspiration: Like the Ethiopian Cooperative (40% faster processing) or USA Roaster (25% less waste) – you can achieve epic wins too!

Final Badge: Coffee Conqueror! Share this manual, train your team, and keep brewing success. Questions? Dive back in or reach out.

Happy Managing! 🚀🏆