

FLUX 2.0 - Phase 1 MVP Checklist

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Purpose: Foundational app with AI chat for habit creation/logging and traditional UI for visualization

Core App Structure

Navigation

- ☐ Bottom Navigation (Home | Portfolio | Indices | Account)
 - ☐ Floating Action Button (Flux AI Chat - accessible on Home and Portfolio pages only)
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1. Home Page (Daily Dashboard)

What's on the page:

- ☐ Good morning/afternoon/evening, "User"
- ☐ Today's date
- ☐ Portfolio balance
- ☐ Date scroll wheel (select any day, view historical/future)
- ☐ Category/Index with dropdown
- ☐ Dropdown showing habits created in the category that are scheduled for the day
- ☐ Completion status for each habit
- ☐ Earnings display (potential or actual)
- ☐ Flux AI insights card (likely later phase initiative)

Drill-Down Navigation:

- ☐ Tap habit index/category → Index Detail Page (Level 1)
- ☐ Tap specific habit → Habit Detail Page (Level 2)

Index Detail Page - Level 1 (Progress View):

- ☐ Shows all habits in this category
- ☐ Progress analytics for the category
- ☐ Aggregate stats
- ☐ Placeholder badge for cumulative index Habit Strength Score
- ☐ List of habits in that index/category

Habit Detail Page - Level 2 (Progress View):

- ☐ Calendar heatmap (schedule-aware)
- ☐ Progress charts (completion %, streaks)

- ☐ Individual habit stats
 - ☐ Placeholder for Habit Strength Score
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2. Portfolio Page (Financial View)

What's on the page:

- ☐ Total portfolio value display
- ☐ Portfolio chart (1W, 1M, 3M, 1Y, All Time toggles)
- ☐ All indices/categories with total values
- ☐ Pending transfer balance
- ☐ Savings goals (placeholder - visual only)

Drill-Down Navigation:

- ☐ Tap index → Index Detail Page (Level 1)
- ☐ Tap specific habit → Habit Detail Page (Level 2)

Index Detail Page - Level 1 (Savings View):

- ☐ Shows all habits in this category
- ☐ Savings breakdown for the category
- ☐ Category earnings over time

Habit Detail Page - Level 2 (Savings View):

- ☐ Savings for just this habit
 - ☐ Connected savings goal allocation (if applicable)
 - ☐ Earnings chart
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3. Indices Page

What's on the page:

- ☐ All 8 categories displayed:
 - Fitness
 - Nutrition
 - Mental Health
 - Productivity
 - Financial
 - Social

- Wellness
 - Miscellaneous
- ☐ Active categories (user has habits)
 - ☐ Inactive categories (user doesn't have habits - faded)
 - ☐ Performance metrics (placeholder for HHS)

Navigation:

- ☐ Tap category → Uses same drill-down as Home/Portfolio
 - ☐ Shows either progress or savings view based on context
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4. Activity Page

Two Tabs:

Habit Activity Tab:

- ☐ Timeline of all logged habits
- ☐ BUILD habit completions with details
- ☐ RESIST habit failures (confessions)
- ☐ Each entry shows: habit name, category, date/time, value, earnings, and minutes/units versus goal if applicable (example: achieved 30 push ups of 30 push ups goal)
- ☐ Edit capability (traditional UI)
- ☐ Delete capability (traditional UI)
- ☐ Filter by habit
- ☐ Filter by date range

Transfer Activity Tab:

- ☐ Pending transfers (current week)
 - ☐ Historical transfers (past weeks)
 - ☐ Each transfer shows: date, amount, habit breakdown
 - ☐ Delete pending entries (before Friday)
 - ☐ Cannot edit/delete finalized transfers
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5. Account Page

What's on the page:

- ☐ User profile information
- ☐ Link to Settings page
- ☐ Help content

6. Settings Page

What's on the page:

- ☐ App preferences
 - ☐ Clear chat history option
 - ☐ Help content (how to use chat)
 - ☐ Danger zone (clear all data)
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7. Onboarding Flow

3 Screens:

Screen 1: Flux Welcome

- ☐ Introduction to Flux concept
- ☐ "Progress Pays" messaging
- ☐ Visual explanation of money system

Screen 2: How to Use Flux AI Chat

- ☐ Explanation of chat interface
- ☐ How to interact with Flux
- ☐ Natural language examples

Screen 3: Creating Habits Through Categories

- ☐ Explanation of BUILD vs RESIST
 - ☐ How habits are organized into categories
 - ☐ Rate structure basics (per unit, per minute, flat)
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8. Flux AI Chat (Message FAB)

Access:

- ☐ Floating Action Button (bottom-right, visible on Home and Portfolio pages only)
- ☐ Opens chat bottom sheet (70% screen coverage)

Capabilities:

Add Habits:

- ☐ Conversational habit creation
- ☐ Automatically determines category
- ☐ Identifies BUILD or RESIST type

- ☐ Sets up scheduling through conversation
- ☐ Replaces all traditional habit creation forms

Log Habits:

- ☐ Natural language activity logging
- ☐ BUILD: Log completions ("Ran 4 miles")
- ☐ RESIST: Log failures ("I ordered DoorDash")
- ☐ Automatic earnings calculation
- ☐ Streak tracking
- ☐ Replaces all traditional logging forms

Status Queries:

- ☐ "How am I doing this week?"
- ☐ Portfolio summary responses
- ☐ Category-specific questions
- ☐ Individual habit questions

Chat UI Components:

- ☐ Streaming responses (typing indicator)
 - ☐ Message history button on chat box to view all historical logs
 - ☐ Quick action chips
 - ☐ AI fallback messaging (when unavailable)
 - ☐ Chat clears each use
 - ☐ Ability to view chat history
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9. BUILD vs RESIST Mechanics

BUILD Habits (Positive Development):

- ☐ User must log to earn
- ☐ No log = \$0 (assumed didn't complete)
- ☐ Form fields handled through chat:
 - Value/duration/count
 - Date/time
 - Notes
- ☐ Earnings calculated automatically
- ☐ Example: "Running - \$2/mile, Mon/Wed/Fri"

RESIST Habits (Breaking Negative Behaviors):

- ☐ User earns automatically each scheduled day
 - ☐ Only logs failures (confessions)
 - ☐ Logging failure = \$0 for that day
 - ☐ No log = earnings accumulate
 - ☐ Form fields handled through chat:
 - Confession details
 - Date/time
 - Circumstances
 - ☐ Earnings adjusted automatically
 - ☐ Example: "Skip DoorDash - \$10/day, Mon-Fri"
 - ☐ AI assistant does not mention what was lost for the day by confessing, only positive/encouragement
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10. Scheduling System

Schedule Types Supported:

- ☐ Daily (all 7 days)
- ☐ X times per week (AI determines spread)
- ☐ Specific days (user specifies: Mon/Wed/Fri)
- ☐ Chat should give interactive prompts for certain things, such as selecting which days of the week are scheduled - Flux presents Monday-Sunday list for user to select or deselect which days the user wants

Schedule-Aware Features:

- ☐ Calendar heatmap grays out unscheduled days
 - ☐ Completion % based on scheduled days only
 - ☐ Progress charts plot only scheduled days
 - ☐ Streak calculations count only scheduled days
 - ☐ User never appears to be "failing" on unscheduled days
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11. Money System

Transfer Calculations:

- ☐ BUILD: $\text{rate} \times \text{value} = \text{earnings (when logged)}$
- ☐ RESIST: $\text{rate} \times \text{scheduled days} = \text{potential (auto-accumulated)}$
- ☐ Multiple rate types:
 - Per unit (per mile, per pushup)
 - Per minute (per meditation minute)

- Flat rate (per session, per day)

Friday Transfers:

- ☐ Automated transfer every Friday at 12:01 AM
- ☐ Pending balance → Transferred balance
- ☐ Pending resets to \$0
- ☐ Transfer history entry created
- ☐ Portfolio balance updated
- ☐ Savings goals allocated (placeholder in MVP on portfolio page)

Transfer History:

- ☐ Shows pending (current week)
 - ☐ Shows all historical weekly transfers
 - ☐ Each entry shows habit breakdown
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12. Data & Persistence

Data Storage (MVP):

- ☐ localStorage (all data client-side)
- ☐ Chat history persistence
- ☐ Habit configurations
- ☐ Activity logs
- ☐ Transfer history

Schedule-Aware Metrics:

- ☐ All calculations respect scheduled days
 - ☐ Completion percentages accurate
 - ☐ Streaks count only scheduled days
 - ☐ Calendar displays correctly
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Success Criteria

MVP Complete When:

- ☐ All 11 screens/pages functional
- ☐ Navigation flows work correctly
- ☐ Two-level drill-downs operational
- ☐ BUILD and RESIST mechanics working
- ☐ AI chat creates habits successfully

- ☐ AI chat logs activities successfully
- ☐ Friday transfers simulate correctly
- ☐ Data persists across sessions
- ☐ App feels professional and polished

Target Validation:

- ☐ 80%+ of habit creation via chat (not manual)
 - ☐ 80%+ of activity logging via chat (not manual)
 - ☐ Data integrity maintained (zero calculation errors)
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Page Count Summary

Main Pages: 4

1. Home
2. Portfolio
3. Indices
4. Account

Shared Detail Pages: 2 5. Index Detail (accessible from Home/Portfolio/Indices) 6. Habit Detail (accessible from Index Detail)

Activity Tabs: 2 7. Habit Activity 8. Transfer Activity

Support Pages: 2 9. Settings 10. Onboarding (3 screens combined)

Overlay: 11. Flux AI Chat (FAB)

Total: 11 unique screens

MOVED TO LATER PHASES

Items Not in MVP (Reorganize for Phase 2+)

AI Chat Advanced Features (Phase 2-3)

- Edit habits via conversation
- Delete habits via chat
- Pause/archive habits via chat
- Edit activity logs via chat
- Delete activity logs via chat

- Proactive AI messages
- Advanced conversational flows
- AI personality customization
- Voice input integration

Technical Implementation Details (Phase 1.5)

- OpenAI vs Anthropic selection
- Vercel serverless functions setup
- Function calling schema (8 functions)
- System prompt design
- Streaming response optimization
- Context management strategy
- Error handling specifics

UI Polish & Animation (Phase 1.5)

- Pulse animations
- Loading state designs
- Transition effects
- Confirmation dialog styles
- Empty state illustrations
- Success/error messaging
- Chat bubble styling
- Quick action chip design

Data Infrastructure (Phase 4+)

- Real banking integration (Plaid/Stripe)
- Real money transfers
- User authentication
- Cloud data sync (Supabase)
- Backend API beyond serverless functions
- Database schema

- Multi-device sync

Advanced Features (Phase 2+)

- Habit Strength Score calculation
- Savings goal allocation logic
- Achievement/badge system
- Category-based insights
- Predictive analytics
- Smart dashboard
- Social features
- Behavioral indices
- Monthly summaries
- Habit badges for perfection
- Aggregate stats on Account page
- Transfer settings

Testing & Validation (Ongoing)

- Family/friends testing protocol
 - A/B testing chat prompts
 - Usage analytics tracking
 - Bug tracking workflow
 - Performance optimization
 - Cross-browser testing
 - Accessibility testing
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Notes

Focus for MVP:

- Get the foundational app structure working
- AI chat for creation/logging only
- Traditional UI for visualization/navigation

- Simple, clean, functional
- Professional mobile experience

Don't Over-Build:

- No advanced AI features yet
- No real banking yet
- No complex analytics yet
- No social features yet
- Basics first, refinement later

Key Principle: Build the skeleton, add muscles later.

End of Document