

# FLUX 2.0 - Phase 1 MVP Checklist

**Last Updated:** November 16, 2025

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

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## 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

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## 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: rate × value = earnings (when logged)
- RESIST: rate × scheduled days = 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**

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## **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.

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**End of Document**