fewertools

🔨 BUILDING STAGE

# The Builder's Launch Kit

From code to customers. Ship fast, ship right, ship once.

Next.js Vercel Supabase Stripe Cursor Resend

## What's Inside

SECTION 01

# Sprint Planning Board

Organize your work. Move fast without losing track.

## Current Sprint

| FIELD | DETAILS |
|---|---|
| Sprint # | |
| Start Date | |
| End Date | |
| Sprint Goal | |
| Demo Date | |

## Sprint Backlog

| # | TASK | TYPE | PRIORITY | EST. HOURS | STATUS |
|---|---|---|---|---|---|
| 1 | | 🔨 Feature | P0 | | ⬜ Todo |
| 2 | | 🐛 Bug | P1 | | ⬜ Todo |
| 3 | | 🔧 Chore | P2 | | ⬜ Todo |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |

## Sprint Velocity

| SPRINT | PLANNED POINTS | COMPLETED | VELOCITY | NOTES |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

## Sprint Retro

✅ What went well

❌ What didn't

🔄 Change next time

SECTION 02

# Deployment Checklist

Ship with confidence. Every time.

## Pre-Launch (1 week before)

- ☐ All core features working and tested
- ☐ Error tracking set up (Sentry)
- ☐ Analytics installed and firing events
- ☐ Environment variables secured (no hardcoded secrets)
- ☐ Domain configured and SSL active
- ☐ SEO basics: title tags, meta descriptions, OG images
- ☐ Favicon and app icons set
- ☐ Loading states for all async operations
- ☐ 404 page created
- ☐ Legal pages: Privacy Policy, Terms of Service

## Performance

- ☐ Lighthouse score > 90 (Performance)
- ☐ Lighthouse score > 90 (Accessibility)
- ☐ Images optimized (WebP, lazy loading)
- ☐ Fonts preloaded
- ☐ Bundle size < 200KB initial JS
- ☐ Core Web Vitals passing (LCP < 2.5s, FID < 100ms, CLS < 0.1)

## Security

- ☐ Authentication working (sign up, login, logout, reset)

- [ ] API routes protected (auth middleware)
- [ ] Rate limiting on auth endpoints
- [ ] CORS configured correctly
- [ ] Input validation on all forms
- [ ] SQL injection / XSS protections verified
- [ ] Secrets in environment variables (not in code)
- [ ] Database backups configured

## Payment (if applicable)

- [ ] Stripe integration tested with test keys
- [ ] Webhook handling verified
- [ ] Subscription creation flow works
- [ ] Cancellation flow works
- [ ] Invoice/receipt emails sending
- [ ] Switched to live Stripe keys

## Launch Day

- [ ] DNS propagated (check with dig)
- [ ] Monitoring alerts configured
- [ ] Error notification channel set up
- [ ] Backup plan documented (rollback procedure)
- [ ] Launch announcement ready
- [ ] Support channels active

🚀 **POST-LAUNCH**

Monitor error rates for 48 hours. Respond to first user feedback immediately. Fix critical bugs same-day. Then celebrate — you shipped. 🎉

SECTION 03

# Bug Tracker

Know what's critical, what can wait, and what to ignore.

## Active Bugs

| ID | TITLE | SEVERITY | STEPS TO REPRODUCE | STATUS | ASSIGNED |
|---|---|---|---|---|---|
| B-001 | | 🔴 Critical | | Open | |
| B-002 | | 🟠 High | | Open | |
| B-003 | | 🟡 Medium | | Open | |
| B-004 | | 🟢 Low | | Open | |
| B-005 | | | | | |
| B-006 | | | | | |

## Severity Guide

🔴 Critical

App down, data loss, security vulnerability.
**Fix immediately.**

🟠 High

Core feature broken, many users affected.
**Fix within 24 hours.**

🟡 Medium

Feature partially broken, workaround exists.
**Fix this sprint.**

🟢 Low

Cosmetic issue, edge case.
**Fix when convenient.**

## Bug Triage Questions

1 Can users still accomplish their **core task**?

2. How many users are **affected**?
3. Is there a **workaround**?
4. Is data being **lost or corrupted**?
5. Is this a **security** issue?

SECTION 04

# Database Schema Planner

Plan your data model before writing migrations.

## Users Table

| COLUMN | TYPE | CONSTRAINTS | NOTES |
|---|---|---|---|
| id | UUID | PK, auto-generated | |
| email | VARCHAR(255) | UNIQUE, NOT NULL | |
| name | VARCHAR(255) | | |
| avatar_url | TEXT | | |
| plan | ENUM | DEFAULT 'free' | free, pro, team |
| created_at | TIMESTAMP | DEFAULT now() | |
| updated_at | TIMESTAMP | | Auto-update |

## Your Main Entity

| COLUMN | TYPE | CONSTRAINTS | NOTES |
|---|---|---|---|
| id | UUID | PK | |
| user_id | UUID | FK → users.id | |
| title | VARCHAR(255) | NOT NULL | |
| description | TEXT | | |
| status | ENUM | DEFAULT 'draft' | |
| created_at | TIMESTAMP | DEFAULT now() | |
| | | | |
| | | | |

## Row-Level Security (Supabase)

```
-- Users can only see their own data
CREATE POLICY "Users see own data" ON [table]
  FOR SELECT USING (auth.uid() = user_id);

-- Users can only insert their own data
CREATE POLICY "Users insert own data" ON [table]
  FOR INSERT WITH CHECK (auth.uid() = user_id);
```

## Indexes

| TABLE | COLUMN(S) | TYPE | REASON |
|---|---|---|---|
| users | email | UNIQUE | Login lookups |
| [main] | user_id | INDEX | Dashboard queries |
| [main] | created_at | INDEX | Sorting |
| [main] | user_id, status | COMPOSITE | Filtered queries |

SECTION 05

# API Integration Tracker

One source of truth for every external service.

## Services

| SERVICE | PURPOSE | API KEY LOCATION | RATE LIMITS | STATUS |
|---|---|---|---|---|
| Supabase | Database + Auth | .env.local | 500MB, 50K MAU (free) | |
| Stripe | Payments | .env.local | 100 req/s | |
| Resend | Email | .env.local | 100/day (free) | |
| Vercel | Hosting | Auto | 100GB bandwidth (free) | |
| | | | | |
| | | | | |

## Webhook Endpoints

| SOURCE | ENDPOINT | EVENTS HANDLED | SECRET LOCATION |
|---|---|---|---|
| Stripe | /api/webhooks/stripe | checkout.completed, subscription.updated, subscription.deleted | STRIPE_WEBHOOK_SECRET |
| | | | |

## Environment Variables

```
# Database
NEXT_PUBLIC_SUPABASE_URL=
NEXT_PUBLIC_SUPABASE_ANON_KEY=
SUPABASE_SERVICE_ROLE_KEY=

# Payments
STRIPE_SECRET_KEY=
STRIPE_PUBLISHABLE_KEY=
STRIPE_WEBHOOK_SECRET=

# Email
RESEND_API_KEY=
# Analytics
NEXT_PUBLIC_POSTHOG_KEY=
```

## Recommended Tool Stack

FRAMEWORK

**Next.js**

Full-stack React. API routes, SSR, ISR.

HOSTING

**Vercel**

Zero-config deploys, edge functions, preview URLs.

DATABASE + AUTH

**Supabase**

Postgres + auth + storage + realtime.

PAYMENTS

**Stripe**

The standard. Clean API, handles everything.

AI CODING

**Cursor**

Write code 3-5x faster. Tab completion that works.

EMAIL

**Resend**

Beautiful transactional emails. React templates.

## Build with fewer tools.

Curated stacks for every stage of building.

fewertools.com