AI-First Development: Notion Templates

Daily Development Template

Date: [Insert Date]

o Today's Priorities

■ **High Priority**: [Al-generated from yesterday's analysis]

Medium Priority: [Feature development tasks]

Low Priority: [Polish and optimization tasks]

Al Tasks

Task	Al Tool	Status	Human Review Needed	
Generate user profile component	ChatGPT	In Progress	✓ Yes	
Create API endpoint for search	Claude	Complete	Z Pending	
Write unit tests for auth	Copilot	Complete	☑ Done	
▲	•	•	•	

🧘 Human Tasks

Task	Priority	Time Estimate	Status
Deploy search feature	High	2 hours	In Progress
Test user registration flow	Medium	1 hour	Todo
Review Al-generated API docs	Low	30 minutes	Todo
4	•	•	▶

Issues Discovered

Issue	Severity	Al Tool Used	Resolution
Login form validation bug	Medium	ChatGPT debugging	Fixed - added proper error handling
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Daily Metrics

• **Al-generated code**: [X] lines

• Features completed: [X]

• Tests passing: [X]%

• **Deployment time**: [X] minutes

Al Prompts Used Today

1. Feature Generation:

"Generate a React component for user profile management with edit functionality, validation, and TypeScript types"

2. Bug Fixing:

"Debug this authentication error: [error log]. Provide solution with explanation and prevention measures"

3. Testing:

"Generate comprehensive test suite for user registration API including edge cases and error scenarios"

Lessons Learned

What worked well: [Al insight or process improvement]

• What could be improved: [Process optimization opportunity]

Tomorrow's focus: [Priority for next day]

Weekly Sprint Template

Sprint: Week [X] - [Start Date] to [End Date]

© Sprint Goals

1. **Primary**: [Main objective]

2. **Secondary**: [Supporting objectives]

3. **Stretch**: [Nice-to-have goals]

Sprint Backlog

Feature	Story Points	Al Tool	Human Effort	Status
Multi-source search comparison	8	ChatGPT + Claude	2 days	In Progress
User authentication system	5	ChatGPT	1 day	Complete
Wiki article editor	13	Claude + v0.dev	3 days	Todo
4	•	•	•	•

Al Development Tasks

Code Generation

■ **Search interface components** (v0.dev)

■ **API endpoints for wiki system** (ChatGPT)

■ **Database schema updates** (Claude)

■ **Test suites for new features** (Copilot)

Documentation & Content
■ API documentation (Claude)
■ User guide updates (ChatGPT)
■ Marketing copy for new features (ChatGPT)
Human Integration Tasks
Technical
■ Deploy search feature to staging
Performance testing and optimization
Security review of authentication
☐ Integration testing of wiki system
Business
☐ User feedback collection and analysis
Customer support for beta users
Partnership discussions
Investor update preparation
Sprint Metrics
Velocity: [Story points completed]
Al contribution: [% of code generated by Al]
Human review time: [Hours spent on validation]
Deployment frequency: [Number of deployments]
Sprint Review
What Went Well
• [Success items]
What Could Be Improved
• [Process improvements]
Action Items for Next Sprint
☐ [Improvement action 1]
[Improvement action 2]

Monthly Business Review Template

Month: [Month Year]

© Key Objectives Status

Objective	Target	Actual	Status
User Growth	1,000 users	[X] users	[2 / 1 / X]
Revenue	\$5K MRR	\$[X] MRR	[V / A / X]
Feature Velocity	10 features	[X] features	[☑ /▲/ X]
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Financial Metrics

Costs

• Al Tools: \$150

Infrastructure: \$200

Team: \$11,000

Marketing: \$500

• **Total**: \$11,850

Revenue

• Subscription Revenue: \$[X]

• API Revenue: \$[X]

• **Total**: \$[X]

• Growth Rate: [X]%

Product Metrics

User Engagement

• Daily Active Users: [X]

• Weekly Retention: [X]%

• Session Duration: [X] minutes

• Features Used per Session: [X]

Technical Performance

• **Uptime**: [X]%

• **Response Time**: [X]ms

• Error Rate: [X]%

• Al Query Success Rate: [X]%

Al Development Analysis

Productivity Gains

Features shipped: [X] (vs [X] traditional estimate)

• **Development time saved**: [X] hours

• Code quality: [X]% test coverage

• Al vs Human code ratio: [X]% Al / [X]% Human

Al Tool Performance

Tool	Usage Hours	Cost	Value Generated	ROI
ChatGPT	[X]	\$40	[X] features	[X]x
Claude	[X]	\$40	[X] features	[X]x
Copilot	[X]	\$20	[X] LOC	[X]x
4	-	=	-	•

Competitive Analysis

Market Position

• **Direct competitors**: [Analysis]

• Feature gaps: [Opportunities]

Competitive advantages: [Strengths]

User Feedback Summary

• Top feature requests: [List]

• Pain points: [Issues to address]

• Satisfaction score: [X]/5

o Next Month Objectives

1. **Growth**: [Specific target]

2. **Product**: [Feature/improvement goals]

3. **Revenue**: [Financial targets]

4. **Team**: [Hiring/development goals]

Al Prompt Library Template

Feature Development Prompts

Component Generation

Role: Senior React Developer

Task: Create a [component type] component for [purpose]

Requirements:

- TypeScript with proper type definitions
- Tailwind CSS for styling
- Responsive design
- Accessibility compliance (ARIA labels)
- Error handling and loading states
- Integration with [specific APIs/services]

Include:

- 1. Main component file
- 2. Type definitions
- 3. Styled components/CSS
- 4. Unit tests (Jest/React Testing Library)
- 5. Storybook story
- 6. Usage documentation

API Development

Role: Backend Developer

Task: Create REST API endpoints for [feature]

Requirements:

- Express.js with TypeScript
- PostgreSQL with Prisma ORM
- Authentication middleware
- Input validation (Zod)
- Error handling
- Rate limiting
- OpenAPI documentation

Include:

- 1. Route handlers
- 2. Database schema/migrations
- 3. Middleware functions
- 4. Validation schemas
- 5. Unit and integration tests
- 6. API documentation



🐛 Debugging Prompts

Error Analysis

Role: Senior Developer Debugger

Context: [Error logs, code snippet, environment details]

Please analyze this error and provide:

- 1. Root cause analysis
- 2. Step-by-step fix
- 3. Prevention measures
- 4. Code improvements
- 5. Testing strategy to prevent recurrence

Error details:

[Paste error logs and relevant code]

Performance Optimization

Role: Performance Engineer

Task: Optimize [specific component/feature] for better performance

Current metrics:

- Load time: [X]ms

- Bundle size: [X]KB

- Core Web Vitals: [metrics]

Please provide:

- 1. Performance analysis
- 2. Optimization recommendations
- 3. Implementation code
- 4. Testing approach
- 5. Monitoring strategy

Documentation Prompts

API Documentation

Role: Technical Writer

Task: Create comprehensive API documentation

For: [API endpoints/service]

Include:

- 1. Overview and purpose
- 2. Authentication requirements
- 3. Endpoint descriptions with examples
- 4. Request/response schemas
- 5. Error codes and handling
- 6. Rate limiting information
- 7. SDKs and code examples
- 8. Testing and debugging tips

User Guide Creation

Role: UX Writer

Task: Create user-friendly documentation

For: [Feature/product area]

Audience: [User type and skill level]

Include:

- 1. Getting started guide
- 2. Step-by-step tutorials
- 3. Common use cases
- 4. Troubleshooting section
- 5. FAQ
- 6. Screenshots and examples
- 7. Video transcript (if applicable)

Weekly Review Template

Week of [Date Range]

@ Goals vs Achievements

Goal	Target	Achieved	Status
Features shipped	[X]	[X]	[☑ /▲/ X]
Bug fixes	[X]	[X]	[☑ /▲/ X]
User growth	[X]	[X]	[☑ /▲/ X]
4	•	•	•

Al Performance Analysis

Code Generation Success Rate

• Total AI prompts: [X]

• Successful generations: [X] ([X]%)

• Required human fixes: [X] ([X]%)

• Time saved: [X] hours

Most Effective AI Uses This Week

1. [Task type]: [Success story]

2. **[Task type]**: [Success story]

3. **[Task type]**: [Success story]

Al Challenges Encountered

1. [Issue]: [How resolved]

2. [Issue]: [How resolved]

11 Team Productivity

Technical Executor

• Code deployments: [X]

• Infrastructure tasks: [X]

Bug fixes: [X]

• **Time allocation**: [X]% Al integration, [X]% original work

Business Operator

• User interviews: [X]

• Marketing tasks: [X]

Business development: [X]

• Customer support: [X] tickets resolved

ii Key Metrics Movement

User Metrics

• New signups: [X] (vs [X] last week)

• **Active users**: [X] (vs [X] last week)

Retention rate: [X]% (vs [X]% last week)

Technical Metrics

- **Deployment frequency**: [X] (vs [X] last week)
- Bug report rate: [X] (vs [X] last week)
- **Performance**: [X]ms response time (vs [X]ms last week)

Process Improvements

What Worked Well

- [Process or tool that improved efficiency]
- [Successful AI workflow or prompt]
- [Team collaboration success]

What to Improve

- [Process bottleneck identified]
- [Al workflow to optimize]
- [Resource or tool needed]

© Next Week Focus

High Priority

- 1. [Priority 1]: [Specific goal]
- 2. [Priority 2]: [Specific goal]
- 3. [Priority 3]: [Specific goal]

Al Development Tasks

[Feature]: Generate with [All tool]
[Enhancement]: Optimize with [AI tool]

■ **[Documentation]**: Create with [Al tool]

Human Integration Tasks

[Depl	loyment]:	Deploy	[feature]	to	production
[Depl	oyment]:	Deploy	[feature]	to	production

☐ [**Testing**]: Validate [functionality]

[Business]: [Strategic task]

Project Setup Checklist



■ AI Tool Subscriptions

■ Product Readiness ■ Core features completed and tested ■ User onboarding flow functional ■ Payment and subscription system working ■ Customer support system ready ■ Marketing & Launch ■ Beta user list compiled ■ Launch marketing materials created ■ Feedback collection systems ready ■ Success metrics tracking operational

☑ Launch Preparation (Month 1)