Implementation Phases:

1. **Phase 1: Core Functionality (MVP)**
   * Rich text editor for notes (using ProseMirror or TipTap)
   * Basic image/screenshot upload
   * Simple organization with tags
   * Search functionality
   * Direct integration with post creation
2. **Phase 2: Browser Extension**
   * Chrome/Firefox extension development
   * Screenshot capture functionality
   * URL saving with preview
   * Quick notes addition
   * Context menu integration
3. **Phase 3: Email Integration**
   * Dedicated email address (ideas@ghostart.com)
   * Email parsing service (using Resend)
   * Attachment handling
   * Email reply with confirmation
   * Organization based on email subject/content

Example Browser Extension Code:

// Browser Extension Background Script

chrome.runtime.onInstalled.addListener(() => {

chrome.contextMenus.create({

id: 'save-to-ghostart',

title: 'Save to Ghostart Ideas Bank',

contexts: ['selection', 'image', 'link']

});

});

chrome.contextMenus.onClicked.addListener(async (info, tab) => {

if (info.menuItemId === 'save-to-ghostart') {

const data = {

type: info.mediaType || 'text',

content: info.selectionText || info.srcUrl,

source: tab.url,

title: tab.title

};

await saveToIdeasBank(data);

}

});

// Screenshot Capture

async function captureScreenshot() {

const screenshot = await chrome.tabs.captureVisibleTab();

return screenshot;

}

Email Integration using Resend:

// Email Handler (Next.js API Route)

import { createClient } from '@supabase/supabase-js';

import { Resend } from 'resend';

export default async function handler(req, res) {

const { from, subject, text, attachments } = req.body;

// Extract user from email address

const userEmail = from.address;

// Store in Ideas Bank

const idea = {

type: 'email',

title: subject,

content: {

text,

attachments: attachments.map(processAttachment)

},

metadata: {

source: 'email',

created: new Date()

}

};

await supabase.from('ideas').insert(idea);

// Send confirmation

await resend.emails.send({

from: 'ideas@ghostart.com',

to: userEmail,

subject: 'Idea Saved Successfully',

html: generateConfirmationEmail(idea)

});

}