StoryBond: Complete 6-Week AI MVP Delivery Plan

Where Every Child Becomes the Hero of Their Story

Project Duration: 6 Weeks (February 3 - March 14, 2026)
Demo Day: March 28, 2026 (5-7 minute interactive presentation)
Team Size: 6 members × 5 hours/week = ~30 hours/week total capacity
Target: Urban Indian parents (mothers 28-42) in Bangalore, Mumbai, Delhi, Hyderabad

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Executive Summary

This plan delivers a **demonstrable, production-ready MVP** of StoryBond in 6 weeks with a 6-person part-time team. The MVP focuses on **3 core experiences** that create maximum wow-factor for Demo Day:

- **Personalized Story Generation**: AI-powered narratives in English, Hindi, and Kannada where the child is the hero
- **Hero Image Creation**: Custom AI-generated illustration featuring the child's characteristics
- **Digital Story Experience**: Beautiful mobile-first reading interface with shareable stories

Critical Constraint: Team members work part-time (5 hours/week each = 30 hours/week total). This plan is optimized for **asynchronous work**, **minimal meetings**, and **maximum impact per hour invested**.

PART 1: TECHNICAL FOUNDATION

A. Tech Stack (AIGF Course-Aligned)

Frontend Stack (Lovable/v0)

- **Primary Tool:** Lovable.dev (no-code AI builder from AIGF curriculum)
- **Why:** Rapid prototyping, mobile-responsive by default, no React knowledge needed
- **Backup:** v0 by Vercel if Lovable has limitations
- **Deployment:** Built-in Lovable hosting or Vercel

Backend Stack (Supabase)

- **Database:** Supabase PostgreSQL (from AIGF curriculum)
- **Authentication:** Supabase Auth (email/password)
- **Storage:** Supabase Storage (hero images)
- **Edge Functions:** Supabase Edge Functions (story generation pipeline)
- **Why:** All-in-one backend, free tier, taught in AIGF

AI Stack (OpenAI)

- **Story Generation:** GPT-4o (balance of quality and cost)
  - Cost: $2.50/1M input + $10/1M output tokens
  - Target: ~800 words/story = ~$0.05/story
- **Image Generation:** DALL-E 3
  - Cost: $0.04/image (standard 1024×1024)
- **Safety:** OpenAI Moderation API (free)

Domain & Hosting

- **Domain:** storybond.in (₹800/year on GoDaddy/Namecheap)
- **Frontend:** Lovable hosting (included) or Vercel (free tier)
- **Backend:** Supabase free tier (up to 500MB database, 50K users)

B. Complete Database Schema (Supabase)

The database schema includes four core tables with Row Level Security:

1. Profiles Table - Extends Supabase auth.users with additional user information

2. Children Table - Stores child profiles with age (2-8 years), language preferences (English, Hindi, Kannada), and interests

3. Stories Table - Contains generated stories with title, content, hero image URL, language, and reading level

4. Product Mockups Table - Manages keepsake orders (storybook PDF, poster, mug) with status tracking

Row Level Security policies ensure users can only access their own data, with parent_id filtering for children and stories tables.

C. Cost Breakdown

Monthly Costs (MVP Phase)

Item	Cost	Notes
OpenAI API	$10-30	50-150 stories during dev + demo
Supabase	$0	Free tier (sufficient for MVP)
Domain	₹67/month	storybond.in annual ÷ 12
Hosting	$0	Lovable/Vercel free tier
Total	~$15-35/month	~₹1,200-2,800/month

One-Time Setup Costs

- Domain registration: ₹800 (annual)
- OpenAI API credit: $5 initial deposit
- **Total:** ~₹1,200 (~$15)

PART 2: TEAM ROLES & RESPONSIBILITIES

Role Assignments (6 Members × 5 Hours/Week)

Role 1: Product & Demo Lead (Binu Chacko)

Weekly Time: 5 hours

Core Duties:

- Define MVP scope and feature priorities
- Write demo script and scenarios
- Test user flows and gather feedback
- Own Demo Day presentation

Detailed Weekly Tasks:

- **Week 1 (5h):** Finalize scope document, write 3 demo scenarios, create success metrics
- **Week 2 (5h):** Review 10 test stories for quality, document issues, refine demo personas
- **Week 3 (5h):** Test mobile UX on 3 devices, invite 2 friends for feedback, update requirements
- **Week 4 (5h):** Define keepsake catalog, write product descriptions, plan mockup specs
- **Week 5 (5h):** Analyze 30 test stories, prioritize top 5 fixes, draft final demo script
- **Week 6 (5h):** Rehearse demo 3× with team, finalize slides, prepare Q&A responses

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Role 2: AI & Prompt Engineering (Rajesh K Agarwal)

Weekly Time: 5 hours

Core Duties:

- Design GPT-4o prompts for story generation
- Integrate OpenAI APIs (GPT-4o, DALL-E 3, Moderation)
- Implement Supabase Edge Function for story pipeline
- Ensure content safety and multilingual quality

Detailed Weekly Tasks:

- **Week 1 (5h):** Research GPT-4o children's storytelling, design 3 system prompts (English, Hindi, Kannada) for ages 2-8
- **Week 2 (5h):** Write Supabase Edge Function generate-story, integrate GPT-4o API, test 5 stories/language

- **Week 3 (5h):** Add DALL-E 3 integration to Edge Function, optimize parallel API calls, test 10 hero images
- **Week 4 (5h):** Tune image prompts for print quality, assist Design Lead with mockup requirements
- **Week 5 (5h):** Iterate prompts based on feedback (3 refinement rounds), add theme filtering logic
- **Week 6 (5h):** Generate 5 "perfect" demo stories, document AI architecture for Q&A, prepare explainer slide

Key Deliverables:

- 3 system prompt templates (1 per language)
- Working Edge Function with GPT-4o + DALL-E 3
- 30+ test stories generated across languages

Role 3: Design & Content Strategy (Abhigyan Srivatsava)

Weekly Time: 5 hours

Core Duties:

- Design UI wireframes and visual brand
- Create content guidelines (age-appropriate, culturally sensitive)
- Design hero image style guides
- Create Demo Day slides and mockups

Detailed Weekly Tasks:

- **Week 1 (5h):** Create Figma wireframes for 4 screens, define color palette + typography, write content guidelines
- **Week 2 (5h):** Design child profile form, story prompt UI, loading animations
- **Week 3 (5h):** Design Reading Room layout, story detail page, mobile responsiveness specs
- **Week 4 (5h):** Create 3D product mockups (book, poster, mug) using Photoshop/Canva, design Gift Shop UI
- **Week 5 (5h):** Design feedback UI (thumbs up/down), polish visual consistency, create brand assets
- **Week 6 (5h):** Create Demo Day presentation deck (10-12 slides), prepare demo flow screenshots

Key Deliverables:

- Complete UI design system in Figma
- 3D product mockups for 3 keepsake types
- Demo Day slide deck

Role 4: Backend & Supabase (Kumar LR)

Weekly Time: 5 hours

Core Duties:

- Set up Supabase project and database schema
- Implement Row Level Security policies
- Configure storage bucket for images
- Support AI Engineer with Edge Function deployment

Detailed Weekly Tasks:

- **Week 1 (5h):** Create Supabase project, run SQL schema, configure auth, set up storage bucket stories-images
- **Week 2 (5h):** Test auth flow end-to-end, verify RLS policies, seed test data (5 users, 10 children)
- **Week 3 (5h):** Test image upload/download, verify public URLs work, monitor storage usage
- **Week 4 (5h):** Create product_mockups table, write CSV export script for manual orders
- **Week 5 (5h):** Add database indexes for performance, optimize queries, document schema
- **Week 6 (5h):** Deploy final schema to production Supabase, write deployment runbook, backup database

Key Deliverables:

- Supabase project fully configured
- Database schema with RLS
- Manual order export script

Role 5: Frontend & Lovable (Neev Bafna)

Weekly Time: 5 hours

Core Duties:

- Build all 4 screens using Lovable
- Connect frontend to Supabase backend
- Implement responsive mobile-first UI
- Test user flows and fix bugs

Detailed Weekly Tasks:

- **Week 1 (5h):** Set up Lovable project, build skeleton for 4 screens (Nursery, Story Lab, Reading Room, Gift Shop)
- **Week 2 (5h):** Implement auth screens (sign up, login), connect to Supabase auth, build child profile form
- **Week 3 (5h):** Build story generation flow (form → loading → result), display hero image + story text
- **Week 4 (5h):** Build Gift Shop screen with keepsake selection, order confirmation page

- **Week 5 (5h):** Add feedback UI (thumbs), improve error states, test on mobile devices (iOS + Android)
- **Week 6 (5h):** Polish animations, test demo flow 10×, prepare local backup environment

Key Deliverables:

- 4 fully functional screens in Lovable
- Mobile-responsive UI
- Connected to Supabase backend

Role 6: QA, DevOps & Integration (Vishawajeet Sarkar + Zaheer Ul Islam)

Weekly Time: 5 hours (split between 2 people: 2.5h each)

Core Duties:

- Test all features end-to-end
- Monitor Supabase and API usage
- Coordinate team integration
- Prepare Demo Day checklist and backups

Detailed Weekly Tasks:

- **Week 1 (5h):** Set up GitHub project board, create testing spreadsheet template, document setup instructions
- **Week 2 (5h):** Test auth flow on staging, verify API key security, load test story generation (5 concurrent)
- **Week 3 (5h):** Test image upload/retrieval, verify mobile responsiveness on 3 devices, document bugs
- **Week 4 (5h):** Test keepsake selection flow, verify CSV export, create manual fulfillment guide
- **Week 5 (5h):** Organize 30-story testing campaign, track results in spreadsheet, file GitHub issues for bugs
- **Week 6 (5h):** Final QA (test every feature), record demo video as backup, prepare Demo Day tech checklist

Key Deliverables:

- Testing documentation
- Demo Day backup plan (video, screenshots)
- Bug tracking and resolution

PART 3: WEEK-BY-WEEK EXECUTION PLAN

Meeting Cadence (Part-Time Optimized)

Async Daily Check-In (5 mins/person via WhatsApp)

Format:

- Yesterday: One specific thing completed
- Today: One specific thing doing
- Blocker: Any? If yes, tag who can help

Weekly Video Sync (60 mins, Sundays 8 PM IST)

Agenda:

1. **Demo last week's work** (10 min each role = 60 min total) - Screen share what you built, live test if possible
2. **Identify blockers** (10 min)
3. **Plan next week** (10 min) - Confirm tasks from plan below, adjust if needed

Ad-Hoc Pairing (as needed)

- Backend + AI: 1-2 sessions for Edge Function integration
- Frontend + Design: 1-2 sessions for UI implementation
- Use Google Meet or Zoom, record sessions

Week 1: Foundations & Scope Lock

Dates: Feb 3-9, 2026
Goal: Align team, lock scope, set up technical infrastructure

Objectives

- Finalize MVP scope (no changes after Week 1)
- Set up Supabase project and database
- Create Lovable project skeleton
- Design 3 system prompt templates
- Write 3 demo scenarios

Success Criteria

- All 6 team members can access Supabase + Lovable projects
- Database schema created with test data
- 3 demo child personas documented
- Team aligned on what's in/out of MVP

Deliverables by Role

Role	Hours	Deliverables
Product Lead	5h	Scope doc, 3 demo scenarios, success metrics
AI Engineer	5h	3 system prompt templates (English, Hindi, Kannada)
Design Lead	5h	Figma wireframes (4 screens), color palette, typography
Backend	5h	Supabase project, database schema, RLS policies, storage bucket
Frontend	5h	Lovable project with 4 empty screens + routing
QA/DevOps	5h	GitHub project board, testing template, setup documentation

Key Decisions This Week

- **Languages:** English, Hindi, Kannada (no more for MVP)
- **Age bands:** 2-4, 5-8 (not 3 bands to save time)
- **Keepsakes:** 3 types only (book, poster, mug)
- **No payments** in MVP (demo only)

Week 2: Core Engine (Story + Auth)

Dates: Feb 10-16, 2026
Goal: Working story generation end-to-end

Objectives

- User can sign up, log in, create child profile
- Story generation works for all 3 languages
- 15 test stories generated (5 per language)
- Content safety moderation working

Success Criteria

- Auth flow works on staging
- Story generation API returns valid JSON
- 15 stories reviewed and approved for quality
- API response time less than 15 seconds per story

Technical Milestone

Edge Function deployed: generate-story

- Input: child_id, prompt
- Output: title, story_text, reading_level
- Integrated with OpenAI GPT-4o + Moderation API

Week 3: Images & Reading Experience

Dates: Feb 17-23, 2026
Goal: Complete core UX with hero images

Objectives

- DALL-E 3 integration working
- Hero images stored in Supabase Storage
- Reading Room displays stories with images
- Mobile UX polished

Success Criteria

- Story generation produces text + image in less than 30 seconds
- 10 hero images generated and pass quality review
- Mobile UX smooth on iPhone and Android
- 3 friendly users provide positive feedback

Technical Milestone

- Edge Function extended: story + image generation
- Images stored in stories-images bucket
- Public URLs returned and displayed in frontend

Week 4: Keepsakes (Mockup)

Dates: Feb 24 - Mar 2, 2026
Goal: Demonstrate physical keepsake vision

Objectives

- Gift Shop UI complete with 3 product options
- Order creation flow working (database only)
- 3D mockups created for demo
- Manual export workflow documented

Success Criteria

- Keepsake selection looks fully functional
- Order creation stores data in database
- 3D mockups look professional and shareable
- Team can demo full flow including "order"

Demo Strategy

- Show keepsake selection (looks real)
- Display order confirmation (feels complete)
- Show 3D mockups (generates excitement)
- Explain: "Production will integrate with Printful"

Week 5: Polish & Testing

Dates: Mar 3-9, 2026
Goal: Refine quality, fix bugs, iterate

Objectives

- 30 test stories generated by team
- Story quality improved based on feedback
- All critical bugs fixed
- Content filtering working

Success Criteria

- 30 stories generated with 80%+ positive feedback
- Zero critical bugs in staging
- Content filtering prevents inappropriate themes
- Team confident for Demo Day

Testing Campaign

Each team member generates 5 stories and tracks in shared spreadsheet:

- Story ID, prompt, language, quality rating (1-5), issues
- File GitHub issues for bugs found
- Verify all fixes deployed to staging

Week 6: Demo Day Prep

Dates: Mar 10-14, 2026
Goal: Polish, rehearse, prepare for Demo Day

Objectives

- Demo rehearsed 3+ times without issues
- 3 perfect demo stories pre-generated
- Presentation deck finalized
- Backup plans prepared

Success Criteria

- Bug-free demo flow tested 10+ times
- Team can present without hesitation
- Backup video recorded
- Confidence level: 9/10

Demo Day Rehearsal Schedule

- **March 22 (Saturday):** Full team rehearsal 1 (2 hours)
- **March 25 (Tuesday):** Full team rehearsal 2 (1.5 hours)
- **March 27 (Thursday):** Final rehearsal 3 (1 hour)

PART 4: DEMO DAY EXECUTION PLAN

Demo Day: March 28, 2026

Presentation Structure (7 Minutes)

0:00-0:30 Hook (Product Lead)

"Think of the stories you heard as a child. What language were they in? Who was the hero? Today, most children still grow up in someone else's story, in someone else's language. What if we could change that in just 30 seconds?"

0:30-1:15 Problem (Product Lead)

- 22 official Indian languages, yet 99% of kids' content is English-only
- Custom stories cost ₹5,000 + 3 weeks
- Parents give up on personalized content
- First stories (ages 2-8) shape lifelong identity

1:15-1:45 Solution (Product Lead)

"StoryBond uses AI to create personalized stories where YOUR child is the hero, in their language, in minutes, not weeks."

1:45-5:00 Live Demo (AI Engineer + Frontend Lead)

1. **Show Nursery** (0:15): "Here are stories created by parents"
2. **Create child profile** (0:30): "Meet Aarav, 6 years old, loves space and dosa, speaks Kannada"
3. **Generate story live** (1:00): Enter prompt, show loading, reveal story + hero image
4. **Show Reading Room** (0:45): Scroll through story, highlight Aarav as hero
5. **Show Gift Shop** (0:45): Display keepsake mockups (book, mug)

5:00-5:45 Traction (Product Lead)

- 30 stories generated during testing
- 85% positive feedback from early users
- 3 languages supported (English, Hindi, Kannada)
- Mobile-first, works on any device

5:45-6:30 Vision (Product Lead)

- Scale to 10 languages
- Full POD integration (automatic fulfillment)
- 10,000 families in first year
- Partnerships with schools and libraries

6:30-7:00 Ask & Close (Product Lead)

"We're looking for feedback, pilot users, and potential partners. Stories shape identity. Let's ensure the next generation grows up in their own story."

Demo Scenarios (Pre-Prepared)

Scenario 1: Live Demo (Primary)

- **Child:** Aarav, 6 years old, loves space and dosa, Kannada
- **Prompt:** "A bedtime adventure where Aarav saves the space station with his dosa-powered rocket"
- **Status:** Will generate live during demo
- **Backup:** If live generation fails, switch to Scenario 2

Scenario 2: Pre-Generated (Backup 1)

- **Child:** Priya, 5 years old, loves animals, Hindi
- **Prompt:** "A brave girl who saves a forest from pollution"
- **Status:** Already generated, tested, approved
- **Use if:** Live demo API fails or is too slow

Scenario 3: Pre-Generated (Backup 2)

- **Child:** Rohan, 8 years old, loves science, English
- **Prompt:** "A curious boy who discovers a new planet"
- **Status:** Already generated, tested, approved
- **Use if:** Both primary scenarios fail

Demo Day Checklist

One Week Before (March 21)

- Record full demo video as backup (7 minutes)
- Create screenshot slide deck (Plan C)
- Print 3D mockups if possible (show physical)
- Prepare demo device (laptop + phone backup)

One Day Before (March 27)

- Test production environment (all 3 scenarios)
- Verify OpenAI API key funded ($20+ balance)
- Load 3 pre-generated stories in database
- Charge all devices (laptop, phone, tablet)
- Download backup video locally
- Test on presentation equipment (projector, clicker)

Day Of (March 28, Morning)

- Test internet connection + backup hotspot
- Open all tabs (production app, slides, backup video)
- Clear browser cache, log out of personal accounts
- Set up "demo user" account with clean stories
- Do final run-through (30 minutes before)
- Set phone to airplane mode

Contingency Plans

If API Fails (Live Demo)

1. Stay calm, say: "Let me show you one we prepared earlier"
2. Click on pre-generated story in Nursery
3. Continue demo smoothly

If Internet Fails

1. Switch to mobile hotspot (test beforehand)
2. If still fails, play backup video
3. Narrate over video live

If UI Breaks

1. Switch to screenshot slide deck
2. Walk through flow using slides
3. Show video clip of working demo

If Technical Questions Get Hard

1. AI Engineer steps in to answer
2. Product Lead handles business questions
3. Defer deep technical questions to post-demo discussion

PART 5: RISK ASSESSMENT & MITIGATION

Critical Risks (High Likelihood × High Impact)

Risk 1: Story Quality Inconsistent

Likelihood: High | **Impact:** High

Description: GPT-4o generates stories that are too long, lack emotion, or culturally inappropriate.

Mitigation:

- Test 30+ stories across languages/ages in Week 5
- Iterate prompts 3-5 times based on feedback
- Add content filtering (blacklist scary/violent keywords)

- Pre-generate 5 "perfect" demo stories by Week 6
- During demo, use pre-generated story if live one is poor

Early Signals:

- Test stories rated less than 3/5 by team
- Stories flagged by Moderation API
- Feedback mentions "not age-appropriate"

Risk 2: API Latency or Failures During Demo

Likelihood: Medium | **Impact:** High

Description: OpenAI API slow (more than 30s) or fails during live demo.

Mitigation:

- Test API reliability 10+ times in Week 6
- Pre-generate 3 backup stories and load in database
- Have backup video ready to play
- Practice smooth transition: "Let me show you one we prepared earlier"
- Fund OpenAI account with $20+ before demo

Early Signals:

- API response times more than 20 seconds in testing
- Rate limit errors during Week 5 testing
- OpenAI status page shows issues

Risk 3: Team Bandwidth (Part-Time Constraint)

Likelihood: High | **Impact:** Medium

Description: Team members can't commit 5 hours/week due to work/life pressures.

Mitigation:

- Set expectations upfront: 5 hours is non-negotiable
- Track hours in shared spreadsheet weekly
- If someone less than 3 hours for 2 consecutive weeks, reassign critical tasks
- Pair less available members on lower-priority tasks
- Buffer 1 week between MVP completion (Week 6) and Demo Day (March 28)

Early Signals:

- Missed daily check-ins (more than 2 days silent)
- Tasks not completed by Sunday meeting
- "I'll catch up next week" repeated statements

Risk 4: Supabase Free Tier Limits Exceeded

Likelihood: Low | **Impact:** Medium

Description: Exceed 500MB database or 50K monthly active users during testing.

Mitigation:

- Monitor Supabase dashboard weekly
- Limit test story count (30-50 max before demo)
- Delete old test data regularly
- If approaching limit, upgrade to Pro ($25/month)
- Use separate staging vs production projects

Early Signals:

- Database size more than 300MB
- Storage warnings in Supabase dashboard
- API rate limit errors

Risk 5: Multilingual Quality (Hindi or Kannada)

Likelihood: Medium | **Impact:** Medium

Description: GPT-4o English is great, but Hindi/Kannada stories have grammar issues or sound unnatural.

Mitigation:

- Have native speakers (team or friends) review 5 stories per language
- Iterate prompts specifically for Hindi/Kannada (add "natural, conversational tone")
- If quality poor after 3 iterations, reduce MVP to English only (still valid)
- Document known limitations transparently for Demo Day

Early Signals:

- Native speaker feedback: "This sounds translated, not natural"
- Incorrect word choices or grammar errors
- Cultural references that don't make sense

Medium Risks (Medium Likelihood × Medium Impact)

Risk 6: Lovable Limitations

Likelihood: Medium | **Impact:** Medium

Description: Lovable can't implement complex UI or Supabase integration.

Mitigation:

- Test Lovable-Supabase connection in Week 1
- If Lovable struggles, switch to v0 by Vercel (also AIGF-approved)
- Worst case: Use Cursor + Next.js (team learns quickly)
- Simplify UI requirements if needed (function over beauty for MVP)

Risk 7: Hero Image Quality Poor

Likelihood: Medium | **Impact:** Medium

Description: DALL-E 3 images don't look child-friendly or are inconsistent.

Mitigation:

- Test 20+ image prompts in Week 3
- Iterate prompt template (add "vibrant, child-friendly, storybook art style")
- Use image post-processing if needed (crop, brighten)
- For demo, manually select best-looking images

Risk 8: Demo Day Presentation Nerves

Likelihood: Medium | **Impact:** Low

Description: Presenter forgets script or gets flustered during demo.

Mitigation:

- Rehearse 3+ times (March 22, 25, 27)
- Have co-presenter ready to jump in
- Print speaker notes (bullets only)
- Practice transitions between speakers
- Remember: judges care about problem-solution, not perfect delivery

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PART 6: SUCCESS METRICS & VALIDATION

Demo Day Success Criteria

Must-Achieve (Blockers)

- Complete 7-minute demo without technical failure
- Show live or pre-generated story in Reading Room
- Display hero image with story text
- Demonstrate keepsake mockup (UI)
- Answer 3 Q&A questions confidently
- Team presents cohesively (no confusion about who speaks)

Nice-to-Have (Bonus)

- Generate story live during demo (not pre-generated)
- Show multilingual capability (switch between English/Hindi/Kannada)
- Show physical mockup sample (printed book or mug)
- Get positive feedback from 3+ judges/attendees
- Interest from 2+ potential pilot users or partners

MVP Quality Metrics (Internal)

Story Generation Quality

- **Target:** 80%+ of test stories rated 4-5/5 by team
- **Measure:** Feedback collected during Week 5 testing campaign
- **Threshold:** If less than 60%, iterate prompts urgently in Week 5

API Performance

- **Target:** Less than 20 seconds for story + image generation
- **Measure:** Average response time across 30 test generations
- **Threshold:** If more than 30 seconds, optimize parallel API calls or pre-generate for demo

Mobile UX

- **Target:** All 4 screens usable on iPhone (iOS 17) and Android (Android 13+)
- **Measure:** Manual testing by 3 team members on their devices
- **Threshold:** If major layout breaks, fix in Week 5

Multilingual Coverage

- **Target:** 5+ quality stories in each language (English, Hindi, Kannada)
- **Measure:** Native speaker review in Week 5
- **Threshold:** If 1 language consistently poor, reduce to 2 languages for MVP

PART 7: POST-DEMO ROADMAP

Immediate Next Steps (Post-Demo Day)

Week 7-8: Iterate Based on Feedback

- Incorporate Demo Day feedback
- Fix any issues discovered during presentation
- Generate 10 more test stories for quality validation
- Document lessons learned

Phase 2 (Months 2-3): Production Readiness

- Full Printful/Printify API integration
- Razorpay payment integration
- Audio narration (ElevenLabs)
- Email/SMS notifications
- Expand to 5 languages (add Tamil, Telugu)

Phase 3 (Months 4-6): Scale

- Pilot with 100 families (₹299-599/story pricing)
- B2B partnerships (schools, libraries)
- Referral program (invite friends, get free story)
- Analytics dashboard (track engagement, story themes)

PART 8: APPENDICES

Appendix A: Lovable Prompts for 4 Screens

Screen 1: The Nursery (Dashboard)

Build a dashboard screen called "The Nursery" for StoryBond:

- Header: "Welcome, parent name" with avatar
- Primary CTA: "Create New Story" button (large, center)
- Below: Grid of story cards (2 columns mobile, 3 desktop)
- Each card shows: child name, story title, hero image thumbnail, created date
- Two buttons per card: "Read Story" and "Preview Gift"
- Empty state: If no stories, show illustration + "No stories yet. Let's write your child's first hero story!"
- Connect to Supabase 'stories' table filtered by logged-in parent_id

Screen 2: The Story Lab (Creation Wizard)

Build a multi-step form called "The Story Lab" for StoryBond:

- Step 1: Select child from dropdown (Supabase 'children' table)
    - Option to "Add New Child" (opens inline form: name, age 2-8, language, interests)
- Step 2: Story idea textarea (1-2 sentences)
    - Placeholder: "Describe an adventure for child name..."
    - Suggest quick chips: "Space adventure", "Forest friends", "Grandparent visit"
- Button: "Generate Story" (large, primary color)
- On submit: Call Supabase Edge Function 'generate-story', show loading overlay "Crafting child name's story..."
- On success: Redirect to Reading Room for new story_id
- On error: Show friendly message "Oops! Let's try that again" with retry button

Screen 3: The Reading Room (Story Viewer)

Build a story viewer screen called "The Reading Room" for StoryBond:

- Input: story_id from URL parameter
- Fetch story from Supabase 'stories' table by id
- Layout:
    - Top: Story title (large, bold), child name subtitle
    - Hero image: Full-width, 16:9 aspect ratio, use 'hero_image_url'
    - Story text: Serif font, 18px, line-height 1.8, generous spacing
- Sticky bottom bar:

    - "Back to Nursery" button (left)
    - "Preview Gift" button (right, primary color)
- Loading state: "Opening your storybook..."
- Error state: "Story not found" with back button
- Mobile-responsive, readable on small screens

Screen 4: The Gift Shop (Keepsake Preview)

Build a "Gift Shop" screen for StoryBond keepsakes:

- Input: story_id, fetch story (title, hero_image_url) from Supabase
- Top 50%: Large mockup area showing hero image on a storybook cover (default)
- Middle: Pill buttons for keepsake type: "Storybook PDF", "Poster", "Mug"
    - Clicking switches mockup visualization (image on book, poster, mug)
- Bottom sticky bar:
    - Text: "This is a preview of your child's keepsake"
    - Button: "Confirm Keepsake" (primary color)
- On confirm: Create row in Supabase 'product_mockups' table (story_id, keepsake_type, status='preview')
- Show confirmation: "We've saved this keepsake. In production, this will be sent to print!"
- No payment UI needed for MVP

Appendix B: GPT-4o System Prompt Template

English, Ages 2-4

You are a master children's storyteller writing for children aged 2-4 years.

CORE VALUES:

- Independence: The child is the protagonist and makes choices/takes actions alone
- Respect: Kind behavior toward friends, family, nature is celebrated
- Sensory Detail: Use colors, textures, sounds, movements
- Simplicity: Use 5-10 word sentences, repeat key words, avoid complex grammar

STORY PARAMETERS:

- Child's Name: child_name
- Age: age_years years old
- Interests: interests
- Story Length: 200 words (for ages 2-4)

STORY STRUCTURE:

1. Hero Introduction (50 words): Introduce child_name in a relatable, everyday activity
2. Problem/Challenge (75 words): A simple, age-appropriate challenge they solve independently
3. Respectful Action (50 words): child_name shows kindness to someone/something
4. Happy Ending (25 words): Celebrate child_name's pride and new skill learned

AVOID:

- Supernatural elements (dragons, magic for this age)
- Scary situations (monsters, darkness, being alone)
- Violence or conflict
- Gendered stereotypes

OUTPUT FORMAT (valid JSON):

- title: Story Title (max 5 words)
- content: Full story text (200 words)
- dalle_prompt: Detailed DALL-E 3 prompt for hero image (toddler-friendly, cartoon style, bright colors)
- reading_level: Ages 2-4
- moral: Simple moral lesson (1 sentence)

Hindi, Ages 5-8 (Example)

आप 5-8 साल के बच्चों के लिए एक बेहतरीन कहानीकार हैं।

मुख्य मूल्य:

- स्वतंत्रता: बच्चा नायक है और अपने आप निर्णय लेता है
- सम्मान: दोस्तों, परिवार, प्रकृति के प्रति दयालु व्यवहार
- इंद्रिय विवरण: रंग, बनावट, ध्वनि, गति का उपयोग करें
- सरलता: 8-12 शब्दों के वाक्य, सरल व्याकरण

कहानी पैरामीटर:

- बच्चे का नाम: child_name
- उम्र: age_years साल
- रुचियाँ: interests
- कहानी की लंबाई: 350 शब्द (5-8 साल के लिए)

आउटपुट प्रारूप (वैध JSON):

- title: कहानी का शीर्षक (अधिकतम 5 शब्द)
- content: पूरी कहानी (350 शब्द)
- dalle_prompt: DALL-E 3 के लिए विस्तृत प्रॉम्प्ट (बाल-अनुकूल, चित्रण शैली)
- reading_level: Ages 5-8
- moral: नैतिक सबक (1 वाक्य)

Appendix C: Domain Setup Instructions

Step 1: Register storybond.in

1. Go to GoDaddy.in or Namecheap.com
2. Search for "storybond.in"
3. Add to cart (₹799-899 for first year)
4. Complete payment
5. Set domain nameservers to Lovable/Vercel (see their docs)

Step 2: Configure DNS

For Lovable:

- Follow Lovable docs to add custom domain
- Add CNAME record: www → your-lovable-project.lovable.app
- Add A record: @ → (Lovable's IP, see docs)
- Wait 24-48 hours for DNS propagation

For Vercel (if using):

- Add custom domain in Vercel dashboard
- Add CNAME: www → cname.vercel-dns.com
- Add A record: @ → 76.76.21.21 (Vercel IP)

Step 3: Verify SSL

- Once DNS propagates, Lovable/Vercel auto-provisions SSL (Let's Encrypt)
- Verify HTTPS works: https://storybond.in
- Force HTTPS redirect in Lovable/Vercel settings

Appendix D: Critical Contacts & Resources

Team Contact Info

Role	Name	Email	Phone	Availability
Product Lead	Binu Chacko	[email]	[phone]	5 hrs/week
AI Engineer	Rajesh K Agarwal	[email]	[phone]	5 hrs/week
Design Lead	Abhigyan Srivatsava	[email]	[phone]	5 hrs/week
Backend	Kumar LR	[email]	[phone]	5 hrs/week
Frontend	Neev Bafna	[email]	[phone]	5 hrs/week
QA/DevOps	Vishawajeet + Zaheer	[email]	[phone]	2.5 hrs/week each

Service Credentials (Store Securely!)

- **OpenAI API Key:** sk-proj-... (in Supabase env vars)
- **Supabase URL:** https://project.supabase.co
- **Supabase Anon Key:** eyJ... (public, safe to use in frontend)
- **Supabase Service Role Key:** eyJ... (SECRET, backend only)
- **Domain Registrar:** GoDaddy login at example@email.com

Emergency Contacts

- **OpenAI Support:** https://help.openai.com (if API issues)
- **Supabase Discord:** https://discord.supabase.com (fast help)
- **AIGF Mentor:** mentor email (if major blocker)

Appendix E: Daily Check-In Template (WhatsApp)

Format:

- Date: [Date]
- Name: [Your Name]
- Yesterday: [One specific thing completed]
- Today: [One specific thing doing]
- Blocker: [None / Need help with X from @person]
- Hours logged: [X hours]

Example:

- Date: Feb 10
- Name: Rajesh (AI Engineer)
- Yesterday: Wrote GPT-4o system prompt for English ages 2-4
- Today: Building Supabase Edge Function for story generation
- Blocker: None
- Hours logged: 1.5 hours

Appendix F: Weekly Meeting Agenda Template

StoryBond Weekly Sync - Week [X]

Date: [Date], 8 PM IST
Duration: 60 minutes

AGENDA:

1. **DEMOS (40 mins - 6-7 mins each)**
    - Product Lead: Share screen and show work
    - AI Engineer: Share screen and show work
    - Design Lead: Share screen and show work
    - Backend: Share screen and show work
    - Frontend: Share screen and show work
    - QA/DevOps: Share screen and show work
2. **BLOCKERS (10 mins)**
    - Who is blocked? On what? Who can help?
3. **NEXT WEEK PLAN (10 mins)**
    - Confirm tasks from Week [X+1] plan
    - Any adjustments needed?
    - Set specific goals for next Sunday

ACTION ITEMS:

- [Person]: [Task] by [date]

- [Person]: [Task] by [date]

RECORDING: [Google Drive link]

FINAL CHECKLIST

Before Starting (Feb 3)

- All 6 team members have read this complete plan
- All team members committed to 5 hours/week minimum
- Created WhatsApp group for daily check-ins
- Scheduled Sunday 8 PM meetings for 6 weeks
- Set up shared Google Drive folder for docs
- Each member has laptop + internet access
- OpenAI account created (any team member can fund)

Week 1 Complete

- Supabase project live
- Lovable project created
- All 6 members can access both
- 3 demo scenarios documented
- MVP scope locked (no changes after this)

Week 6 Complete

- Demo rehearsed 3 times
- 3 pre-generated stories ready
- Backup video recorded
- Presentation deck finalized
- Domain storybond.in purchased and configured
- Team confident and excited!

Demo Day (March 28)

- Arrived 30 minutes early
- Tested on presentation equipment
- Backup plans ready (video, screenshots)
- Team knows who presents what
- Demo device charged and ready
- LET'S MAKE EVERY CHILD A HERO!

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This document is designed to be printed as PDF or shared as DOCX. All team members should have access.