

# commissions

## InterproZ Complete Build Specifications

Steps 2-4: Business Logic, Design System & API Setup

### BUSINESS LOGIC SPECIFICATIONS

#### Exact Commission Structure

```
// Commission rates by service type
const COMMISSION_RATES = {
  phone_interpretation: 0.20,    // 20%
  video_interpretation: 0.20,    // 20%
  in_person_standard: 0.20,      // 20%
  in_person_legal: 0.25,         // 25% (premium)
  in_person_medical: 0.25,       // 25% (premium)
  ai_avatar: 0.15,               // 15% (lower due to automation)
  document_translation: 0.30,    // 30% (highest due to complexity)
  rush_services: 0.35,           // 35% (rush premium + base)
  emergency_services: 0.40       // 40% (emergency premium + base)
};

// Platform keeps commission, interpreter gets remainder
// Example: $100 service = $20 platform, $80 interpreter
```

#### Complete Service Pricing Structure

```
const SERVICE_PRICING = {
  // Core Services
  phone_interpretation: {
    rate: 2.50,      // $/minute
    minimum: 10,     // minutes
  }
}
```

```

    currency: 'USD'
  },
  video_interpretation: {
    rate: 3.00,      // $/minute
    minimum: 15,     // minutes
    currency: 'USD'
  },
  in_person_general: {
    rate: 75.00,     // $/hour
    minimum: 2,      // hours
    currency: 'USD'
  },
  in_person_legal: {
    rate: 95.00,     // $/hour (premium)
    minimum: 2,      // hours
    currency: 'USD'
  },
  in_person_medical: {
    rate: 90.00,     // $/hour (premium)
    minimum: 2,      // hours
    currency: 'USD'
  },
  ai_avatar: {
    rate: 1.50,      // $/minute
    minimum: 1,      // minute
    currency: 'USD'
  },
  document_translation: {
    rate: 0.12,      // $/word
    minimum: 50,     // words
    currency: 'USD'
  },
  // Premium Multipliers
  rush_multiplier: 1.5, // +50% for <24hr requests
  after_hours: 1.25,    // +25% after 6pm/weekends

```

```

    holiday: 2.0,          // +100% major holidays
    travel_fee: 0.65       // $/mile beyond 25 miles
  };

```

## Languages Offered (Priority System)

```

const LANGUAGES = {
  // Tier 1: Primary Languages (Always Available)
  primary: [
    {
      code: 'es-mx',
      name: 'Spanish (Mexican)',
      priority: 1,
      interpreters_available: 15,
      specialties: ['legal', 'medical', 'business', 'general']
    },
    {
      code: 'es-us',
      name: 'Spanish (US Regional)',
      priority: 1,
      interpreters_available: 12,
      specialties: ['legal', 'medical', 'business', 'general']
    }
  ],

  // Tier 2: Regional Spanish (High Demand)
  secondary: [
    {
      code: 'es-gt',
      name: 'Spanish (Guatemalan)',
      priority: 2,
      interpreters_available: 8,
      specialties: ['general', 'medical', 'human_services']
    },
    {

```

```

    code: 'es-sv',
    name: 'Spanish (Salvadoran)',
    priority: 2,
    interpreters_available: 6,
    specialties: ['general', 'legal', 'human_services']
  },
  {
    code: 'es-co',
    name: 'Spanish (Colombian)',
    priority: 2,
    interpreters_available: 5,
    specialties: ['general', 'business']
  }
],

// Tier 3: Future Expansion (Phase 2)
expansion: [
  {
    code: 'pt-br',
    name: 'Portuguese (Brazilian)',
    priority: 3,
    status: 'planned',
    target_launch: 'Q3_2024'
  },
  {
    code: 'fr',
    name: 'French',
    priority: 3,
    status: 'planned',
    target_launch: 'Q4_2024'
  }
]
};

```

## Booking Workflow Steps

```

const BOOKING_WORKFLOW = {
  // Client-Initiated Booking
  client_flow: [
    {
      step: 1,
      name: 'service_selection',
      description: 'Choose service type and specialty',
      required_fields: ['service_type', 'language_pair', 'specialty'],
      estimated_time: '2 minutes'
    },
    {
      step: 2,
      name: 'scheduling',
      description: 'Select date, time, and duration',
      required_fields: ['preferred_date', 'preferred_time', 'duration'],
      auto_suggestions: true
    },
    {
      step: 3,
      name: 'details',
      description: 'Provide context and special requirements',
      required_fields: ['context', 'location_or_method'],
      optional_fields: ['special_requirements', 'materials']
    },
    {
      step: 4,
      name: 'interpreter_assignment',
      description: 'System matches and assigns interpreter',
      automated: true,
      fallback: 'manual_assignment',
      max_wait_time: '15 minutes'
    },
    {
      step: 5,
      name: 'confirmation',

```

```

        description: 'Final confirmation and payment processing',
        required_fields: ['payment_method'],
        notifications: ['email', 'sms']
    }
],

// Emergency/Rush Booking
rush_flow: [
    {
        step: 1,
        name: 'immediate_request',
        description: 'Express booking for <2 hour needs',
        required_fields: ['service_type', 'urgency_level'],
        rush_fee: 'automatic'
    },
    {
        step: 2,
        name: 'instant_matching',
        description: 'Immediate interpreter search',
        max_wait_time: '5 minutes',
        fallback: 'ai_avatar_offer'
    },
    {
        step: 3,
        name: 'express_confirmation',
        description: 'Rapid confirmation process',
        payment: 'auto_charge',
        notifications: 'immediate'
    }
]
};

```

## Interpreter Onboarding Requirements

```

const INTERPRETER_ONBOARDING = {
  // Phase 1: Application
  application: {
    required_documents: [
      'resume_cv',
      'certification_copies',
      'references_list',
      'background_check_authorization',
      'language_proficiency_proof'
    ],
    required_certifications: [
      'state_certification', // Colorado preferred
      'court_interpretation_cert', // for legal work
      'medical_interpretation_cert', // for healthcare
      'continuing_education_credits'
    ],
    experience_requirements: {
      minimum_years: 2,
      preferred_years: 5,
      specialty_experience: 'preferred'
    }
  },

  // Phase 2: Skills Assessment
  assessment: {
    language_test: {
      type: 'oral_and_written',
      duration: '90 minutes',
      passing_score: 85,
      includes: ['sight_translation', 'consecutive', 'simultaneous']
    },
    specialty_tests: {
      legal: 'terminology_and_procedure',
      medical: 'anatomy_and_terminology',
      business: 'financial_and_corporate_terms'
    }
  }
}

```

```

    }
  },

  // Phase 3: Platform Training
  training: {
    modules: [
      'platform_navigation',
      'booking_system_usage',
      'client_communication_protocols',
      'technical_setup_video_calls',
      'ai_avatar_collaboration',
      'confidentiality_requirements'
    ],
    duration: '8 hours',
    completion_required: true
  },

  // Phase 4: Voice Recording (for AI Avatar)
  voice_recording: {
    required_samples: [
      'common_phrases_150',
      'legal_terminology_100',
      'medical_terminology_100',
      'business_phrases_75',
      'conversational_samples_200'
    ],
    quality_requirements: {
      format: 'WAV 44.1kHz 16-bit',
      environment: 'quiet_studio_quality',
      duration_per_sample: '2-10 seconds'
    }
  },

  // Phase 5: Approval & Activation
  activation: {
    background_check: 'required',

```



```
reference_verification: 'required',
trial_assignments: 3,
probation_period: '30 days',
full_activation: 'after_successful_probation'
}
};
```

## 3 DESIGN SYSTEM DETAILS

### Complete Color Palette

```
:root {
  /* Primary Brand Colors */
  --primary-blue: #2A64B2;
  --primary-blue-dark: #1B4A87;
  --primary-blue-light: #4A7BC8;
  --secondary-blue: #EAF2FB;

  /* Accent Colors */
  --accent-orange: #FF6B35; /* CTA buttons, highlights */
  --accent-orange-light: #FF8A65;
  --accent-orange-dark: #E65100;

  /* Status Colors */
  --success-green: #28A745;
  --success-light: #D4EDDA;
  --warning-yellow: #FFC107;
  --warning-light: #FFF3CD;
  --error-red: #DC3545;
  --error-light: #F8D7DA;
  --info-blue: #17A2B8;
  --info-light: #D1ECF1;

  /* Neutral Palette */
}
```

```

--white: #FFFFFF;
--gray-50: #F8F9FA;
--gray-100: #E9ECEF;
--gray-200: #DEE2E6;
--gray-300: #CED4DA;
--gray-400: #ADB5BD;
--gray-500: #6C757D;
--gray-600: #495057;
--gray-700: #343A40;
--gray-800: #212529;
--black: #000000;

/* Semantic Colors */
--background-primary: var(--white);
--background-secondary: var(--gray-50);
--text-primary: var(--gray-800);
--text-secondary: var(--gray-600);
--text-muted: var(--gray-500);
--border-color: var(--gray-200);
--shadow-color: rgba(0, 0, 0, 0.1);
}

```

## Typography System

```

/* Font Imports */
@import url('https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&family=Poppins:wght@400;500;600;700;800&display=swap');

:root {
  /* Font Families */
  --font-primary: 'Inter', -apple-system, BlinkMacSystemFont, sans-serif;
  --font-headings: 'Poppins', -apple-system, BlinkMacSystemFont, sans-serif;
  --font-monospace: 'SF Mono', Monaco, 'Roboto Mono', monospace;

  /* Font Weights */

```

```

--font-light: 300;
--font-regular: 400;
--font-medium: 500;
--font-semibold: 600;
--font-bold: 700;
--font-extrabold: 800;

/* Font Sizes (Responsive Typography) */
--text-xs: clamp(0.75rem, 0.7rem + 0.2vw, 0.875rem);
--text-sm: clamp(0.875rem, 0.8rem + 0.3vw, 1rem);
--text-base: clamp(1rem, 0.9rem + 0.4vw, 1.125rem);
--text-lg: clamp(1.125rem, 1rem + 0.5vw, 1.25rem);
--text-xl: clamp(1.25rem, 1.1rem + 0.6vw, 1.5rem);
--text-2xl: clamp(1.5rem, 1.3rem + 0.8vw, 1.875rem);
--text-3xl: clamp(1.875rem, 1.6rem + 1vw, 2.25rem);
--text-4xl: clamp(2.25rem, 1.9rem + 1.2vw, 3rem);
--text-5xl: clamp(3rem, 2.5rem + 1.5vw, 4rem);
}

/* Typography Classes */
.heading-1 { font-family: var(--font-headings); font-size: var(--text-4xl); font-weight: var(--font-bold); }
.heading-2 { font-family: var(--font-headings); font-size: var(--text-3xl); font-weight: var(--font-semibold); }
.heading-3 { font-family: var(--font-headings); font-size: var(--text-2xl); font-weight: var(--font-semibold); }
.body-large { font-family: var(--font-primary); font-size: var(--text-lg); font-weight: var(--font-regular); }
.body-regular { font-family: var(--font-primary); font-size: var(--text-base); font-weight: var(--font-regular); }
.body-small { font-family: var(--font-primary); font-size: var(--text-sm); font-weight: var(--font-regular); }

```

## **Example 1: Calendly (calendly.com)**

### **What to emulate:**

- Clean, professional booking interface
- Intuitive scheduling flow
- Clear service selection process
- Minimal, focused design
- Excellent mobile responsiveness

### **Specific elements:**

- Time slot selection UI
- Service cards layout
- Confirmation screens
- Calendar integration interface

## **Example 2: Stripe Dashboard (dashboard.stripe.com)**

### **What to emulate:**

- Professional data visualization
- Clean tables and metrics
- Excellent navigation structure
- Consistent color usage
- Status indicators and badges

### **Specific elements:**

- Payment transaction tables
- Revenue charts and graphs
- Status badges (paid, pending, failed)
- Navigation sidebar design

## **Example 3: Intercom (intercom.com)**

### What to emulate:

- Modern, approachable design
- Excellent use of whitespace
- Professional yet friendly tone
- Great mobile-first responsive design
- Effective use of gradients and shadows

### Specific elements:

- Hero section layout
- Feature card designs
- Button styles and hover states
- Professional photography integration

## Icon Style Preferences

```
const ICON_SYSTEM = {
  style: 'outline', // vs filled, duotone
  library: 'lucide-react', // primary choice
  characteristics: {
    stroke_width: '1.5px',
    corner_radius: 'rounded',
    style: 'modern_minimal',
    consistency: 'same_family_only'
  },

  // Key Icons Needed
  core_icons: [
    'phone', 'video', 'users', 'map-pin', 'file-text',
    'clock', 'calendar', 'credit-card', 'check-circle',
    'alert-circle', 'settings', 'user', 'menu', 'x',
    'chevron-right', 'chevron-down', 'search', 'filter'
  ],
}
```

```
// Specialty Icons
specialty_icons: [
  'scale', // legal
  'heart-pulse', // medical
  'graduation-cap', // academic
  'briefcase', // business
  'users-2', // human services
  'calculator' // technical/finance
]
};
```

## 4 API KEYS SETUP GUIDE

### Supabase Project Setup

#### Step 1: Create Supabase Project

1. Go to [supabase.com](https://supabase.com)
2. Click "Start your project" → Sign up/Sign in
3. Click "New Project"
4. Fill out:
  - **Name:** `interproz-platform`
  - **Database Password:** Generate strong password (save it!)
  - **Region:** `West US (Oregon)` - closest to Colorado
  - **Pricing Plan:** Start with Free tier

#### Step 2: Get API Keys

```
// After project creation, go to Settings → API
const SUPABASE_CONFIG = {
  url: 'https://[your-project-id].supabase.co',
  anonKey: 'eyJ...', // Public anon key (safe for frontend)
  serviceRoleKey: 'eyJ...', // Service role key (server-side only!)
```

```
};
```

```
// Save these in your .env file:  
// VITE_SUPABASE_URL=https://[your-project-id].supabase.co  
// VITE_SUPABASE_ANON_KEY=eyJ...  
// SUPABASE_SERVICE_ROLE_KEY=eyJ...
```

### Step 3: Database Schema (For Replit to implement)

```
-- Core tables needed for the platform  
-- Users (clients and interpreters)  
-- Bookings  
-- Services  
-- Payments  
-- Interpreter profiles  
-- Availability schedules  
-- Reviews and ratings
```

## Stripe Account Setup

### Step 1: Create Stripe Account

1. Go to [stripe.com](https://stripe.com)
2. Click "Sign up" → Choose business account
3. Complete business verification:
  - **Business name:** InterproZ LLC (or your legal entity)
  - **Industry:** Professional Services
  - **Website:** interproz.com
  - **Tax ID:** Your EIN

### Step 2: Get API Keys

```
// Dashboard → Developers → API Keys
const STRIPE_CONFIG = {
  // Test Keys (for development)
  publishableKey_test: 'pk_test_...', // Frontend
  secretKey_test: 'sk_test_...', // Backend only

  // Live Keys (for production - get after testing)
  publishableKey_live: 'pk_live_...', // Frontend
  secretKey_live: 'sk_live_...', // Backend only
};

// Environment variables:
// VITE_STRIPE_PUBLISHABLE_KEY=pk_test_...
// STRIPE_SECRET_KEY=sk_test_...
```

### Step 3: Configure Webhooks

```
// Webhook endpoint URL (Replit will provide)
const WEBHOOK_CONFIG = {
  endpoint: 'https://your-replit-app.com/api/stripe/webhook',
  events: [
    'payment_intent.succeeded',
    'payment_intent.payment_failed',
    'customer.subscription.created',
    'invoice.payment_succeeded'
  ]
};

// Webhook secret: whsec_... (save this!)
```

## OpenAI API Setup

### Step 1: OpenAI Account

1. Go to [platform.openai.com](https://platform.openai.com)



2. Sign up/Sign in → Go to API section
3. Add payment method (required for API access)
4. Set usage limits: \$50/month to start

## Step 2: Generate API Key

```
const OPENAI_CONFIG = {  
  apiKey: 'sk-proj-...', // Starts with sk-proj-  
  organization: 'org-...', // Optional but recommended  
  
  // Models you'll use  
  models: {  
    whisper: 'whisper-1', // Speech-to-text  
    gpt4: 'gpt-4-turbo', // Text processing  
    embeddings: 'text-embedding-3-small' // Semantic search  
  }  
};  
  
// Environment variable:  
// OPENAI_API_KEY=sk-proj-...
```

## ElevenLabs API Setup

### Step 1: ElevenLabs Account

1. Go to [elevenlabs.io](https://elevenlabs.io)
2. Sign up → Choose Starter plan (\$5/month)
3. Go to Profile → API Key

### Step 2: API Configuration

```
const ELEVENLABS_CONFIG = {  
  apiKey: 'your-api-key-here',  
  
  // Voice cloning workflow
```

```

voice_cloning: {
  samples_needed: 25, // minimum for good quality
  sample_length: '10-30 seconds each',
  quality: 'studio quality recommended',
  format: 'mp3 or wav'
},

// Usage limits
starter_plan: {
  characters_per_month: 30000,
  voice_clones: 10,
  api_calls: 'unlimited'
}
};

// Environment variable:
// ELEVENLABS_API_KEY=your-api-key-here

```

## Environment Variables Summary

```

# Create .env file with all keys:

# Supabase
VITE_SUPABASE_URL=https://[project-id].supabase.co
VITE_SUPABASE_ANON_KEY=eyJ...
SUPABASE_SERVICE_ROLE_KEY=eyJ...

# Stripe
VITE_STRIPE_PUBLISHABLE_KEY=pk_test_...
STRIPE_SECRET_KEY=sk_test_...
STRIPE_WEBHOOK_SECRET=whsec_...

# OpenAI
OPENAI_API_KEY=sk-proj-...

```

```
# ElevenLabs
ELEVENLABS_API_KEY=your-api-key






# App Config
NODE_ENV=development
APP_URL=https://your-replit-app.com
```

## Setup Checklist

- ☐ Supabase project created and configured
- ☐ Supabase API URLs and keys saved
- ☐ Stripe account verified and activated
- ☐ Stripe API keys obtained (test mode)
- ☐ Stripe webhooks configured
- ☐ OpenAI account with payment method added
- ☐ OpenAI API key generated with usage limits
- ☐ ElevenLabs account created (Starter plan)
- ☐ ElevenLabs API key obtained
- ☐ All environment variables documented
- ☐ API key security practices reviewed

## Ready for Replit Build!

With these specifications complete, you have everything needed for a seamless 5-checkpoint build:

-  Detailed business logic and workflows
-  Complete design system with colors and typography
-  Professional design inspiration references
-  All API accounts ready with keys and configuration
-  Comprehensive environment variable setup

Your Replit developer can now build efficiently without interruptions for clarifications!

## Supabase

VITE\_SUPABASE\_URL=https://your-project-id.supabase.co

VITE\_SUPABASE\_ANON\_KEY=eyJ...

SUPABASE\_SERVICE\_ROLE\_KEY=eyJ...

## Stripe

VITE\_STRIPE\_PUBLISHABLE\_KEY=pk\_test\_...

STRIPE\_SECRET\_KEY=sk\_test\_...

STRIPE\_WEBHOOK\_SECRET=whsec\_...

## OpenAI

OPENAI\_API\_KEY=sk-proj-...

## ElevenLabs

ELEVENLABS\_API\_KEY=your-api-key

## App

NODE\_ENV=development

APP\_URL=https://your-replit-app.repl.co