

# Competitor Analysis Report: Herethere Loyalty App

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# 1 Competitor Analysis: Smile.io

## 1.1 Overview

- **App Name:** Smile: Loyalty & Rewards
- **Website:** <https://smile.io>
- **Shopify App Store URL:** <https://apps.shopify.com/smile>
- **Description:** A leading Shopify loyalty app offering points, referrals, and VIP programs to boost repeat purchases and customer retention. Built for Shopify and Shopify Plus certified, designed for easy setup with no coding required.
- **Merchant Count:** Over 100,000 Shopify merchants, 58,312 active stores.
- **Ratings/Reviews:** 4.9/3,956 reviews on Shopify App Store (as of 2024).
- **Shopify Certifications:** Built for Shopify, Shopify Plus Certified.

## 1.2 Features

- **Points Program:**
  - *Earning Actions:* Account creation, purchases, birthdays, reviews, social follows (10+ actions).
  - *Redemption Options:* Discounts, free shipping, products, coupons at checkout.
  - *Customization:* Customizable rewards panel, launcher button, emails, branding.
- **Referral Program:**
  - *Sharing Options:* Email, social media (via Klaviyo/Mailchimp); no SMS/WhatsApp.
  - *Rewards:* Points or discounts for referrer and referee.
  - *Popups/Nudges:* Lacks referral-specific popups; uses “Nudges” for points reminders.
- **VIP Tiers:**
  - *Thresholds:* Spending-based tiers (e.g., Silver, Gold, Platinum).
  - *Perks:* Exclusive discounts, early access, bonus points.
- **On-Site Content:**
  - *Widgets:* Rewards panel, launcher button, discount banners.
  - *Nudges:* On-site reminders for points and rewards.
  - *Launchers:* Embedded in Shopify checkout, customer accounts, Apple/Google Wallet.
- **Bonus Campaigns:**
  - *Types:* Limited-time bonuses, points multipliers.
  - *Conditions:* Scheduled via dashboard, tied to actions like purchases.
- **Analytics:**

- *Reports*: Sales attribution, points balance, redemption rates (25+ reports on Plus plan).
- *Segmentation*: Limited on lower tiers; advanced on Growth (\$199) and above.
- *Insights*: Basic reporting on Free/Starter plans; full dashboard on higher tiers.
- **Integrations:**
  - *Shopify POS*: Supported for in-store points (all plans).
  - *Email*: Klaviyo, Mailchimp, Omnisend.
  - *Reviews*: Yotpo, Judge.me.
  - *Others*: Shopify Plus, BigCommerce, Wix, Gorgias (unlimited on Pro/Plus).

### 1.3 Pricing

- **Free Plan:**
  - *Order Limit*: Up to 200 orders/month.
  - *Features*: Basic points, referrals, simple branding, basic analytics.
  - *Restrictions*: No advanced branding, limited integrations (1), no Nudges.
- **Paid Plans:**
  - *Starter*: \$49/month, 500 orders, advanced branding, 2 integrations, customizable emails, 5 reports.
  - *Growth*: \$199/month, 1,500 orders, Nudges, points expiry, full analytics, 3 integrations.
  - *Pro*: \$599/month, 3,500 orders, VIP program, unlimited integrations.
  - *Plus*: \$999/month, 7,500 orders, API access, 25+ reports, prioritized support (\$5/100 additional orders).
- **Scalability Costs**: Per-order fees on Plus plan; custom pricing for Enterprise.

### 1.4 User Experience

- **Setup Time**: Minutes, no-code setup with guided dashboard.
- **Customization:**
  - *Branding*: Colors, fonts, wallpapers for widgets, emails, and rewards page.
  - *Emails*: Customizable via drag-and-drop editor (Starter+).
  - *Widgets*: Rewards panel, launcher, Nudges; no dedicated loyalty page (widget-based).
- **Merchant Dashboard**: Shopify-embedded, intuitive, uses Shopify’s Polaris framework.
- **Customer UI**: Mobile-optimized, seamless checkout redemption, auto-translates to 6 languages (English, French, Spanish, German, Portuguese, Chinese).

## 1.5 Support

- **Availability:** 24/7 email and live chat (prioritized on Plus).
- **Channels:** Chat, email, extensive help docs, community forums.
- **Quality:** Highly praised for responsiveness (e.g., Shelby, Joana, Ezra).
- **User Feedback:** 95% positive reviews for fast, expert support; occasional onboarding hiccups.

## 1.6 Market Positioning

- **Target Audience:** Small to enterprise Shopify merchants, especially mid-sized to large stores.
- **Unique Selling Points:** Easy setup, Shopify Plus certification, robust support, omnichannel (online/in-store).
- **Case Studies:** Monos (\$8M revenue from loyalty), ThirdLove (VIP tier success).

## 1.7 Performance Metrics

- **Revenue Impact:** 41% revealed of store revenue from 8% of customers via loyalty.
- **Repeat Purchase Rate:** Increases via points, Nudges, and VIP tiers.
- **Customer Retention:** Boosted by seamless omnichannel experience and referrals.

## 1.8 Weaknesses

- **Feature Gaps:**
  - No SMS/WhatsApp referral sharing, unlike Lootly.
  - No referral-specific popups; referrals buried in rewards panel.
  - Limited analytics/segmentation on Free/Starter plans.
  - No dedicated loyalty page (widget-based).
- **Pricing Issues:**
  - Costly for small businesses (e.g., \$199 for full analytics, \$999 for API).
  - Per-order fees on Plus plan deter high-volume merchants.
- **Technical Limitations:**
  - No support for non-Shopify POS systems (e.g., Lightspeed).
  - Limited multilingual support (no Weglot/Langify integration).
  - Occasional bugs (e.g., points redemption issues).
- **User Complaints:**
  - Basic plan lacks referral customization (e.g., message editing).
  - Analytics too basic on lower tiers, not worth cost.

## 1.9 Opportunities for Herethere Loyalty

- **Feature Differentiation:**

- Offer SMS/WhatsApp referral sharing with post-purchase popups to surpass Smile.io's referral weakness.
- Provide advanced analytics (e.g., customer segmentation, referral ROI) on lower tiers (\$39 plan).
- Include a dedicated loyalty page, addressing Smile.io's widget-only limitation.

- **Pricing Advantage:**

- Free plan with 300 orders/month (vs. Smile.io's 200) to attract small businesses.
- Flat-rate \$39/month for 500 orders, no per-order fees, undercutting Smile.io's \$49/\$199 tiers.

- **Integration Focus:**

- Prioritize SMS integrations (e.g., Twilio) for referrals and nudges.
- Support non-Shopify POS systems (e.g., Lightspeed) in future iterations.

- **Support Improvements:**

- Match Smile.io's 24/7 email/chat support on all plans.
- Offer detailed onboarding guides to avoid Smile.io's occasional hiccups.

## 1.10 Sources

- Shopify App Store: <https://apps.shopify.com/smile>
- Smile.io Website: <https://smile.io>
- Third-Party Reviews: <https://gameball.co>, <https://bloggle.app>, <https://capterra.ca>
- User Feedback: Shopify App Store, <https://g2.com>

## 1.11 Strategic Recommendations for Herethere Loyalty

### 1. Referral Popups with SMS Sharing:

- Smile.io's referral program lacks popups and SMS/WhatsApp, reducing visibility.
- Implement post-purchase referral popups with SMS sharing (via Twilio) to drive engagement.
- Aligns with MVP roadmap (referrals in Phase 2) and targets small businesses seeking cost-effective growth.

### 2. Affordable Advanced Analytics:

- Smile.io's analytics are limited on Free/Starter plans, with full dashboards only at \$199/month.

- Offer segmentation (e.g., by purchase frequency, referral activity) and ROI reports in \$39/month plan, leveraging Rust's efficiency and PostgreSQL's customer\_segments table.
- Use internal admin module to display platform-wide analytics (e.g., loyalty-driven revenue), a feature Smile.io restricts to Plus (\$999).

### 3. Pricing for Small Businesses:

- Smile.io's \$49 Starter and \$199 Growth plans are costly for startups.
- Provide a free plan with 300 orders/month and a \$39/month plan for 500 orders, flat-rate, to undercut Smile.io's pricing.
- Transparent pricing (no per-order fees) will appeal to small merchants.

### 4. Dedicated Loyalty Page:

- Smile.io's widget-based program lacks a dedicated loyalty page, frustrating some users.
- Include an SEO-friendly loyalty page in MVP, customizable via React, to improve customer access and search visibility.

### 5. Non-Shopify POS Support:

- Smile.io doesn't support POS systems like Lightspeed, limiting omnichannel reach.
- Plan future integrations with Lightspeed or Square, using Rust backend's flexibility, to attract merchants with diverse POS needs.

## 2 Competitor Analysis: Yotpo Loyalty & Rewards

### 2.1 Overview

- **App Name:** Yotpo: Loyalty & Rewards
- **Website:** <https://www.yotpo.com>
- **Shopify App Store URL:** <https://apps.shopify.com/swell>
- **Description:** A comprehensive loyalty and referral platform for Shopify, integrating points, referrals, VIP tiers, and analytics with reviews, SMS, and email marketing. Formerly Swell Rewards, focuses on customizable, no-code programs to boost retention.
- **Merchant Count:** Over 2,500 Shopify merchants, 1,000+ loyalty programs across platforms.
- **Ratings/Reviews:** 4.7/2,536 reviews on Shopify App Store (as of 2024).
- **Shopify Certifications:** None explicitly mentioned (e.g., not Built for Shopify).

### 2.2 Features

- **Points Program:**
  - *Earning Actions:* 19+ campaigns (purchases, account creation, social follows, reviews, birthdays, goal spend).

- *Redemption Options*: Discounts, free shipping, products, coupons at checkout.
- *Customization*: Fully customizable rewards page, no-code Sticky Bar, branding options.
- **Referral Program:**
  - *Sharing Options*: Email, social media (Facebook, Instagram); lacks SMS/WhatsApp.
  - *Rewards*: Points or discounts for referrers and referees.
  - *Popups/Nudges*: Exit-intent and time-optimized popups for email capture, but no referral-specific popups.
- **VIP Tiers:**
  - *Thresholds*: Based on spending, referrals, or engagement (e.g., Silver, Gold, Platinum).
  - *Perks*: Early product access, birthday gifts, exclusive rewards.
- **On-Site Content:**
  - *Widgets*: Customizable loyalty page, Rewards Sticky Bar, referral UI.
  - *Nudges*: Post-purchase prompts, email capture popups.
  - *Launchers*: Embedded in Shopify checkout and customer accounts.
- **Bonus Campaigns:**
  - *Types*: Time-sensitive promotions, social media engagement, goal spend.
  - *Conditions*: Scheduled and automated via no-code dashboard.
- **Analytics:**
  - *Reports*: ROI dashboard, customer behavior, program performance.
  - *Segmentation*: Granular filters by tier, referrals, last purchase.
  - *Insights*: Real-time data to optimize engagement.
- **Integrations:**
  - *Shopify POS*: Supported for in-store rewards.
  - *Email*: Klaviyo, ReCharge, Yotpo Email & SMS.
  - *Reviews*: Yotpo Reviews & UGC for points-for-reviews.
  - *Others*: Shopify Plus, BigCommerce, Adobe Commerce, Gorgias, Meta.

## 2.3 Pricing

- **Free Plan:**
  - *Order Limit*: Up to 100 orders/month.
  - *Features*: Basic points, referrals, program awareness tools, support tutorials.
  - *Restrictions*: Limited earning/redemption options, no advanced analytics.



- **Paid Plans:**

- *Silver*: \$29/month, custom popups, points for reviews, Instagram campaigns, fraud prevention.
- *Gold*: \$199/month, 500 orders included, \$0.20/order after, dedicated rewards page, Klaviyo/ReCharge integrations.
- *Platinum*: Custom pricing, VIP incentives, onboarding manager, earning rules scheduling.
- *Enterprise*: Custom pricing, API access, custom reporting, multi-domain.

- **Scalability Costs**: High-volume merchants face per-order fees (\$0.20/order post-500) or custom enterprise plans.

## 2.4 User Experience

- **Setup Time**: Quick, no-code launch with implementation manager support.
- **Customization**:
  - *Branding*: Fonts, colors, images, program location fully customizable.
  - *Emails*: No-code drag-and-drop editor for on-brand emails.
  - *Widgets*: Rewards Sticky Bar, loyalty page, referral UI tailored to brand.
- **Merchant Dashboard**: Intuitive, Shopify-embedded, with advanced analytics and segmentation.
- **Customer UI**: Seamless checkout redemption, modern widget design, mobile-optimized.

## 2.5 Support

- **Availability**: 24/7 email, live chat for paid plans.
- **Channels**: Chat, email, dedicated onboarding manager (Gold+), support tutorials.
- **Quality**: Highly praised for responsiveness (e.g., Jeffrey M., John B.). Some onboarding issues reported.
- **User Feedback**: 91% positive reviews for professional, prompt support.

## 2.6 Market Positioning

- **Target Audience**: Small to enterprise e-commerce brands, especially those using multiple Yotpo products (Reviews, SMS).
- **Unique Selling Points**: All-in-one platform (loyalty, reviews, SMS), no-code customization, advanced analytics, Shopify POS integration.
- **Case Studies**: Trinity Road (11% revenue from loyalty), ThirdLove (VIP tiers for life-long loyalty).

## 2.7 Performance Metrics

- **Revenue Impact:** Trinity Road saw 11% revenue from loyalty.
- **Repeat Purchase Rate:** Increases via points, tiers, and referrals.
- **Customer Retention:** Boosted by omnichannel rewards and segmentation.

## 2.8 Weaknesses

- **Feature Gaps:**
  - No SMS/WhatsApp referral sharing, unlike Lootly.
  - Referral system lacks popups, buried in widget.
  - Limited granular filters for analytics (per some users).
- **Pricing Issues:**
  - Expensive for small businesses (\$199/month Gold plan, \$0.20/order post-500).
  - Pricing complexity due to bundling with Reviews/SMS; lacks transparency.
- **Technical Limitations:**
  - Bugs reported (e.g., texting non-subscribed customers).
  - Onboarding CSMs sometimes unaware of launch issues, siloed support.
  - FTC compliance issues (e.g., no “incentivized product” tags).
- **User Complaints:**
  - Misleading sales promises during onboarding.
  - High cost compared to competitors like Lootly.

## 2.9 Opportunities for Herethere Loyalty

- **Feature Differentiation:**
  - Implement SMS/WhatsApp referral sharing in MVP to surpass Yotpo’s referral weakness.
  - Add referral popups post-purchase for higher engagement (unlike Yotpo’s buried referral UI).
  - Offer advanced analytics (e.g., customer segmentation by behavior) on lower tiers.
- **Pricing Advantage:**
  - Provide a free plan with 300 orders/month (vs. Yotpo’s 100) to attract small businesses.
  - Offer flat-rate plans (e.g., \$39/month for 500 orders) without per-order fees.
- **Integration Focus:**
  - Prioritize SMS integrations (e.g., Klaviyo, Twilio) for referrals and nudges.
  - Ensure seamless Shopify POS integration for in-store points, matching Yotpo.

- **Support Improvements:**

- Offer 24/7 email support on all plans, with live chat on paid tiers, to rival Yotpo.
- Provide transparent onboarding with dedicated guides to avoid Yotpo’s siloed issues.

## 2.10 Sources

- Shopify App Store: <https://apps.shopify.com/swell>
- Yotpo Website: <https://www.yotpo.com>, <https://www.yotpo.com/platform/loyalty/>, <https://www.yotpo.com/pricing/>, <https://www.yotpo.com/blog/yotpos-loyalty-and-reviews-plans/>
- Third-Party Reviews: <https://analyzify.com>, <https://lootly.io>, <https://g2.com>, <https://tekpon.com>
- User Feedback: Shopify App Store, G2 reviews

## 2.11 Strategic Recommendations for Herethere Loyalty

### 1. Referral Program with SMS Sharing:

- Yotpo’s referral system lacks SMS/WhatsApp and popups, reducing visibility.
- Implement a post-purchase referral popup with SMS sharing (via Twilio) to boost engagement, a feature Lootly highlights as superior.
- Aligns with MVP roadmap (referrals in Phase 2) and targets small businesses seeking cost-effective customer acquisition.

### 2. Affordable Pricing:

- Yotpo’s \$199/month Gold plan and per-order fees deter small merchants.
- Offer a free plan with 300 orders/month and a \$39/month plan for 500 orders, flat-rate, to undercut Yotpo’s \$29/\$199 tiers.
- Transparent pricing (no hidden fees) will appeal to startups, unlike Yotpo’s complex bundling.

### 3. Advanced Analytics on Lower Tiers:

- Yotpo’s analytics are robust but limited in lower plans and lack granular filters for some users.
- Include segmentation (e.g., by purchase frequency, referral activity) in \$39 plan, leveraging Rust backend’s efficiency and PostgreSQL’s customer\_segments table.
- Use internal admin module to display platform-wide analytics (e.g., referral ROI), a feature not emphasized by Yotpo.

### 4. Streamlined Onboarding:

- Yotpo’s onboarding can be siloed, with CSMs unaware of launch issues.
- Provide one-click setup scripts (e.g., Heroku CLI) and YouTube tutorials for non-technical users, ensuring a smoother experience.
- Use audit\_logs table to track onboarding actions, improving support transparency.

## 5. Internal Admin Module Leverage:

- Yotpo doesn't highlight an internal admin tool for platform oversight.
- Enhance admin module with Yotpo-inspired analytics (e.g., merchant growth, referral performance) to monitor 5,000+ merchants efficiently.
- Add a feature to adjust customer points or suspend merchants, addressing Yotpo's lack of granular control in lower tiers.

### 2.12 Sample Code: Referral Popup with SMS Sharing

To differentiate from Yotpo's weak referral system, a React component for a post-purchase referral popup with SMS sharing, integrated with a Rust backend, is provided below. This feature encourages customers to share referral links via SMS (using Twilio) or email, boosting engagement. The Rust API generates unique referral codes, stored in a new `referrals` table.

#### 2.12.1 Database Migration (Add Referrals Table)

Extend the PostgreSQL schema to track referrals.

```
1 CREATE TABLE referrals (  
2     referral_id TEXT PRIMARY KEY,  
3     customer_id TEXT NOT NULL REFERENCES customers(id),  
4     merchant_id TEXT NOT NULL REFERENCES merchants(merchant_id),  
5     referral_code TEXT NOT NULL UNIQUE,  
6     referred_email TEXT,  
7     referred_customer_id TEXT,  
8     status TEXT NOT NULL DEFAULT 'pending', -- pending, completed, expired  
9     created_at TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP  
10 );
```

#### 2.12.2 Rust Backend (Referral API)

Add an endpoint to generate referral codes and handle SMS sharing.

```
1 use actix_web::{web, App, HttpServer, Responder, HttpResponse, middleware::Logger};  
2 use diesel::prelude::*;  
3 use diesel::r2d2::{self, ConnectionManager};  
4 use dotenv::dotenv;  
5 use std::env;  
6 use jsonwebtoken::{encode, Header, EncodingKey};  
7 use serde::{Deserialize, Serialize};  
8 use uuid::Uuid;  
9 use twilio::Client as TwilioClient;  
10  
11 mod models;  
12 mod schema;  
13  
14 type DbPool = r2d2::Pool<ConnectionManager<PgConnection>>;  
15  
16 #[derive(Debug, Serialize, Deserialize)]  
17 struct Claims {  
18     sub: i32,  
19     exp: usize,  
20 }
```

```

21
22 #[derive(Deserialize)]
23 struct ReferralRequest {
24     customer_id: String,
25     merchant_id: String,
26     share_method: String, // "sms" or "email"
27     recipient: String, // phone or email
28 }
29
30 #[derive(Serialize)]
31 struct ReferralResponse {
32     referral_code: String,
33     share_url: String,
34 }
35
36 async fn create_referral(
37     data: web::Json<ReferralRequest>,
38     pool: web::Data<DbPool>,
39 ) -> impl Responder {
40     let conn = pool.get().expect("Couldn't get DB connection");
41     use schema::referrals::dsl::*;
42     let referral_code = Uuid::new_v4().to_string()[0..8].to_string();
43     let share_url = format!("https://herethere.com/refer/{}",
44                             referral_code);
45     let new_referral = models::NewReferral {
46         referral_id: &Uuid::new_v4().to_string(),
47         customer_id: &data.customer_id,
48         merchant_id: &data.merchant_id,
49         referral_code: &referral_code,
50         referred_email: if data.share_method == "email" {
51             Some(&data.recipient) } else { None },
52         status: "pending",
53     };
54     diesel::insert_into(referrals)
55         .values(&new_referral)
56         .execute(&conn)
57         .expect("Failed to insert referral");
58     if data.share_method == "sms" {
59         let twilio = TwilioClient::new(
60             env::var("TWILIO_SID").unwrap(),
61             env::var("TWILIO_TOKEN").unwrap(),
62             None,
63         );
64         let message = format!("Join Herethere Loyalty and get 10% off! Use
65                               code: {}", share_url);
66         twilio
67             .send_message(
68                 &env::var("TWILIO_PHONE").unwrap(),
69                 &data.recipient,
70                 &message,
71             )
72             .await
73             .expect("Failed to send SMS");
74     }
75     HttpResponse::Ok().json(ReferralResponse { referral_code, share_url })
76 }
77
78 #[actix_web::main]

```

```

76 async fn main() -> std::io::Result<()> {
77     dotenv().ok();
78     env_logger::init();
79     let database_url = env::var("DATABASE_URL").expect("DATABASE_URL must
        be set");
80     let manager = ConnectionManager::<PgConnection>::new(database_url);
81     let pool = r2d2::Pool::builder()
82         .build(manager)
83         .expect("Failed to create pool");
84     HttpServer::new(move || {
85         App::new()
86             .app_data(web::Data::new(pool.clone()))
87             .wrap(Logger::default())
88             .route("/api/referral", web::post().to(create_referral))
89     })
90     .bind("0.0.0.0:8000")?
91     .run()
92     .await
93 }

```

### 2.12.3 React Frontend (Referral Popup)

Add a post-purchase referral popup to the customer widget (part of the MVP frontend).

```

1 import { useState } from 'react';
2 import axios from 'axios';
3
4 function ReferralPopup({ customerId, merchantId, onClose }) {
5     const [shareMethod, setShareMethod] = useState('email');
6     const [recipient, setRecipient] = useState('');
7     const [message, setMessage] = useState('');
8     const [success, setSuccess] = useState('');
9
10    const handleShare = async (e) => {
11        e.preventDefault();
12        try {
13            const response = await
14                axios.post('http://localhost:8000/api/referral', {
15                    customer_id: customerId,
16                    merchant_id: merchantId,
17                    share_method: shareMethod,
18                    recipient,
19                });
20            setSuccess('Referral shared! Code: ${response.data.referral_code}');
21            setTimeout(onClose, 2000);
22        } catch (err) {
23            setMessage('Failed to share referral. ');
24        }
25    };
26
27    return (
28        <div className="fixed inset-0 bg-black bg-opacity-50 flex items-center
29            justify-center">
30            <div className="bg-white p-6 rounded shadow-lg max-w-md w-full">
31                <h2 className="text-xl mb-4">Invite a Friend, Get 10% Off!</h2>
32                {success && <p className="text-green-500">{success}</p>}
33                {message && <p className="text-red-500">{message}</p>}
34                <form onSubmit={handleShare}>

```

```

33     <div className="mb-4">
34         <label className="block">Share Via</label>
35         <select
36             value={shareMethod}
37             onChange={(e) => setShareMethod(e.target.value)}
38             className="w-full p-2 border rounded"
39         >
40             <option value="email">Email</option>
41             <option value="sms">SMS</option>
42         </select>
43     </div>
44     <div className="mb-4">
45         <label className="block">Recipient {shareMethod === 'sms' ?
46             'Phone' : 'Email'}</label>
47         <input
48             type={shareMethod === 'sms' ? 'tel' : 'email'}
49             value={recipient}
50             onChange={(e) => setRecipient(e.target.value)}
51             className="w-full p-2 border rounded"
52             required
53         />
54     </div>
55     <div className="flex justify-end">
56         <button
57             type="button"
58             onClick={onClose}
59             className="mr-2 p-2 bg-gray-300 rounded"
60         >
61             Cancel
62         </button>
63         <button type="submit" className="p-2 bg-blue-500 text-white
64             rounded">
65             Share
66         </button>
67     </div>
68 </form>
69 </div>
70 </div>
71 );
72 }
73 export default ReferralPopup;

```

#### 2.12.4 Setup Instructions

##### 1. Rust Backend:

- Update rust-backend with new files (main.rs, models.rs, schema.rs, Cargo.toml, .env, migrations).
- Install Twilio: Sign up at <https://twilio.com>, get SID, token, and phone number, and add to .env.
- Install dependencies: cargo build.
- Run migrations: diesel migration run.
- Start: cargo run (runs on http://localhost:8000).

## 2. Frontend:

- Update frontend with ReferralPopup.js, CustomerWidget.js, package.json.
- Install: npm install.
- Start: npm start (runs on http://localhost:3000).

## 3. Test:

- Access customer widget at http://localhost:3000, trigger referral popup (mocked via recent\_purchase).
- Share referral via SMS or email, verify code in referrals table.

## 4. Security Note:

- Secure Twilio credentials in .env.
- Add JWT validation for /api/referral in next iteration.

## 3 Competitor Research: LoyaltyLion, BON Loyalty, Rivo Loyalty

### 3.1 Overview

This research analyzes three competitors to the Herethere Loyalty App—LoyaltyLion, BON Loyalty, and Rivo Loyalty—focusing on their features, pricing, strengths, weaknesses, and user feedback to inform the app’s development and positioning.

#### 3.1.1 LoyaltyLion

##### Overview

- **Platform:** Data-driven customer loyalty and engagement platform for Shopify, BigCommerce, and Magento, focusing on personalized loyalty programs to boost retention and repeat purchases.
- **Market Position:** Holds a 15.86% market share in loyalty marketing, with 4,793 companies globally, particularly strong in the Netherlands (43.04%) and the US (32.01%). Rated #1 on G2 for loyalty platforms.
- **Shopify App Store Rating:** 4.6 stars (600+ reviews), praised for enhancing customer loyalty and repeat purchases.

##### Features

- **Points and Rewards:** Customizable points-based system for actions like purchases, referrals, reviews, and social media engagement (e.g., Facebook, Instagram, TikTok). Redeemable for discounts, free products, or other incentives.
- **Tiered Programs:** VIP tiers with exclusive perks for high-spending customers, increasing rewards as customers reach higher thresholds.
- **Referral Programs:** Trackable referral URLs shared via SMS, social media, or email, rewarding both referrer and referred friend.
- **On-Site Content:** Fully branded loyalty page, points display on product pages, integration with Shopify POS for omnichannel loyalty.



- **Analytics:** Comprehensive dashboard with customer engagement levels, point redemption activity, retention metrics, ROI, and comparisons with similar stores.
- **Integrations:** Over 50 integrations, including Klaviyo, Gorgias, Okendo, and Shopify Flow. Advanced Klaviyo events for personalized email/SMS campaigns.
- **Customization:** Pre-built and custom earning rules, loyalty page built using a standard template, SDK/API for advanced customization.
- **Other:** Bonus points events, automated loyalty email flows, multi-store point sharing, supports gamification (e.g., badges, leaderboards).

## Pricing

- **Free Plan:** Up to 400 monthly orders, unlimited members, basic rules/rewards, simple branding. Additional features from \$5/month.
- **Paid Plans:**
  - *Small Business:* ~\$159/month (up to 800 orders, limited analytics).
  - *Classic:* \$199/month (up to 2,000 orders, customizable loyalty page, referral program).
  - *Advanced:* \$249/month (up to 4,000 orders, unlimited integrations, enhanced Shopify POS).
  - *Plus:* \$499/month (10,000+ orders, advanced analytics, premium support).
- **Notes:** Pricing scales with monthly orders. Add-on features can increase costs, and annual contracts may apply for some plans.

## Strengths

- **Robust Feature Set:** Comprehensive loyalty tools, including tiered programs, referrals, and gamification, suitable for small to enterprise-level stores.
- **Integrations:** Extensive ecosystem (50+ tools) enhances omnichannel and marketing capabilities, particularly with Klaviyo.
- **Analytics:** Detailed dashboards provide actionable insights, aligning with Herethere's goal for advanced analytics.
- **Shopify POS Support:** Strong omnichannel capabilities with POS integration, addressing a Smile.io limitation.
- **Reputation:** Long track record (10+ years), #1 G2 rating, and case studies (e.g., Astrid and Miyu's 50,000 signups) build trust.

## Weaknesses

- **Cost:** Higher pricing (\$159-\$499/month) compared to competitors, with add-on features increasing costs. No premium features in lower plans.
- **Complexity:** Broad feature set and integrations may overwhelm smaller merchants or those not needing advanced customization.

- **Limited Free Plan:** Free plan lacks advanced analytics and dedicated support, limiting appeal for small businesses.
- **Slower Innovation:** Some reports note a slowdown in feature releases compared to newer competitors like Rivo.

### User Feedback

- **Positive:** Merchants praise ease of setup, customization, and impact on retention. Shopify POS integration and gamification (badges, leaderboards) boost engagement.
- **Negative:** High costs for premium features and limited analytics in lower plans frustrate smaller merchants. Onboarding can be complex for non-technical users.

### Differentiation Opportunities for Herethere

- **Pricing:** Offer more competitive pricing (e.g., \$29/month as per Project Plan) with key features in lower tiers to attract small businesses.
- **Simplicity:** Design a simpler UI/UX for non-technical users, unlike LoyaltyLion's potentially overwhelming feature set.
- **Analytics:** Match LoyaltyLion's advanced analytics but include them in lower plans, aligning with Herethere's USP of enhanced analytics.
- **Innovation:** Emphasize frequent updates (like Rivo's weekly releases) to position Herethere as a modern alternative.

#### 3.1.2 BON Loyalty

##### Overview

- **Platform:** Shopify-focused loyalty and engagement solution designed to boost repeat purchases through customizable programs and multi-language support.
- **Market Position:** Emerging player with a 4-star TrustScore on Trustpilot (27 reviews), targeting small to enterprise Shopify stores.
- **Shopify App Store Rating:** Not explicitly listed, but user reviews highlight simplicity and effectiveness.

##### Features

- **Points and Rewards:** 18 earning actions (e.g., purchases, newsletter signups, social media follows), redeemable for discounts or free products.
- **Customizable Widgets:** Loyalty widgets on strategic store pages (e.g., product pages, checkout) to promote program engagement.
- **Notifications:** Automated email reminders for rewards and program updates, enhancing customer communication.
- **Multi-Language Support:** Over 250 languages, with customizable text for global markets, a unique feature compared to competitors.
- **Social Media Integration:** 12 social media earning rules (e.g., Facebook, Instagram, TikTok, LinkedIn) to boost brand visibility.

- **Data Import:** Supports importing data from other loyalty apps (e.g., Smile.io, Rivo, LoyaltyLion), easing migration.
- **POS Support:** Rewards for both online and in-store purchases via Shopify POS.
- **Analytics:** Basic analytics for tracking customer actions, retention, and sales impact, but less advanced than LoyaltyLion.
- **Other:** Points multipliers, limited-time offers (e.g., Black Friday), and multi-currency discounts. Collects customer details (name, age, gender) for personalization.

## Pricing

- **Free Plan:** Basic features for small stores, up to 200 monthly orders.
- **Paid Plans:**
  - *Basic:* \$25/month (essential features, limited customization).
  - *Growth:* \$99/month (advanced branding, more actions).
  - *Professional:* \$349/month (full features, enterprise support).
  - *Exclusive:* Custom pricing (enhanced features for large enterprises).
- **Notes:** Transparent pricing with no annual lock-ins, appealing to cost-conscious merchants.

## Strengths

- **Multi-Language Support:** Unique ability to display 200+ languages simultaneously, ideal for global Shopify stores.
- **Ease of Use:** Simple, user-friendly interface praised for straightforward setup, suitable for non-technical merchants.
- **Affordable Pricing:** Competitive plans (\$25-\$349/month) with a robust free plan, aligning with Herethere's goal of affordable pricing.
- **Social Media Focus:** Extensive social media earning rules enhance brand visibility, a differentiator for engagement-driven stores.
- **Migration Support:** Data import from competitors simplifies switching, a practical advantage.

## Weaknesses

- **Limited Analytics:** Analytics are basic compared to LoyaltyLion or Herethere's planned advanced segmentation, limiting insights for larger stores.
- **Newer Player:** Less established than LoyaltyLion, with fewer reviews and a smaller market presence, potentially reducing trust.
- **Feature Depth:** Lacks advanced features like gamification or complex tiered programs compared to LoyaltyLion.
- **Integration Ecosystem:** Fewer integrations (e.g., Klaviyo, Shopify Flow) than LoyaltyLion or Rivo, limiting flexibility.

## User Feedback

- **Positive:** Users appreciate simplicity, multi-language support, and responsive 24/7 support. Effective for boosting sales during events like Black Friday.
- **Negative:** Some users desire deeper analytics and more integrations. Limited feature depth for complex loyalty programs.

## Differentiation Opportunities for Herethere

- **Analytics:** Offer advanced analytics (e.g., churn risk, segmentation) in all plans, surpassing BON's basic dashboards.
- **Integrations:** Expand integration options (e.g., Klaviyo, Yotpo) to match Herethere's planned ecosystem, outpacing BON's limited scope.
- **Feature Depth:** Include gamification and tiered programs in Herethere's MVP to compete with LoyaltyLion while maintaining BON's simplicity.
- **Market Positioning:** Highlight Herethere's scalability for 5,000+ merchants to build trust compared to BON's newer status.

### 3.1.3 Rivo Loyalty

#### Overview

- **Platform:** Shopify-exclusive loyalty and referral platform focused on modern, cost-effective programs for fast-growing DTC brands.
- **Market Position:** Gaining traction with 4.9 stars (2,100+ reviews) on the Shopify App Store, positioned as a cost-saving alternative to LoyaltyLion.
- **Shopify App Store Rating:** 4.9 stars (2,100+ reviews), praised for boosting engagement and sales.

#### Features

- **Points and Rewards:** Customizable points for purchases, referrals, and social actions, redeemable for discounts or rewards.
- **Tiered Programs:** VIP tiers with points expiry and advanced branding (custom CSS/fonts).
- **Referral Programs:** Dedicated referral page with incentives for both referrer and referred friend.
- **On-Site Content:** Loyalty page, checkout extensions, and point calculators to promote engagement throughout the customer journey.
- **Analytics:** Advanced analytics for retention, sales impact, and loyalty-driven metrics, with a developer toolkit for customization.
- **Integrations:** Seamless integration with Klaviyo, Gorgias, Postscript, and Skio. Supports Shopify Flow and POS.
- **Customization:** Rivo Developer Toolkit for full customization, leveraging Shopify metafields for data access.

- **Other:** Automated email campaigns, bonus points events, and weekly product updates to stay innovative.

## Pricing

- **Free Plan:** Up to 200 monthly orders, loyalty points program, basic branding, automated emails.
- **Paid Plans:**
  - *Scale:* \$49/month (1,000 orders, dedicated loyalty page, VIP tiers, advanced analytics).
  - *Plus:* \$499/month (checkout extensions, custom integrations, developer toolkit).
- **Notes:** Claims 30-40% savings over LoyaltyLion with transparent, month-to-month pricing and no annual contracts.

## Strengths

- **Cost-Effective:** Affordable pricing (\$49-\$499/month) with all features included, appealing to small and mid-sized merchants.
- **Innovation:** Weekly product updates and a modern Shopify-centric approach, addressing LoyaltyLion's slower release cycle.
- **High Ratings:** 4.9 stars with 2,100+ reviews reflect strong user satisfaction and ease of use.
- **Shopify Focus:** Built exclusively for Shopify, ensuring deep integration with POS, Flow, and checkout extensions.
- **Support:** Responsive support and flexibility, praised by users like Nashoba Valley Winery.

## Weaknesses

- **Shopify-Only:** Limited to Shopify, unlike LoyaltyLion's multi-platform support (BigCommerce, Magento).
- **Feature Scope:** Slightly narrower feature set than LoyaltyLion, lacking some advanced gamification or analytics for high-end use cases.
- **Newer Player:** Less established than LoyaltyLion, potentially impacting trust for enterprise clients.
- **Free Plan Limits:** Free plan lacks advanced features like VIP tiers or custom integrations, similar to BON.

## User Feedback

- **Positive:** Merchants highlight ease of setup, versatility, and excellent support. Boosts engagement and repeat sales effectively.
- **Negative:** Some users note limited advanced analytics compared to LoyaltyLion and desire broader platform support.

## Differentiation Opportunities for Herethere

- **Multi-Platform Support:** Plan for compatibility with BigCommerce and Wix (as per Project Plan) to surpass Rivo's Shopify-only focus.
- **Advanced Analytics:** Emphasize predictive analytics (e.g., churn risk) in all plans to compete with Rivo's advanced but tier-restricted analytics.
- **Enterprise Appeal:** Build scalability for 5,000+ merchants with robust features to attract larger clients, where Rivo is less established.
- **Free Plan:** Include more advanced features (e.g., basic analytics, VIP tiers) in Herethere's free plan to outshine Rivo's limitations.

## 3.2 Summary and Recommendations for Herethere Loyalty App

### 3.2.1 Competitive Landscape

- **LoyaltyLion:** Premium, feature-rich platform with strong analytics and integrations but high costs and complexity. Best for mid-sized to enterprise stores needing omnichannel and advanced customization.
- **BON Loyalty:** Affordable and simple, with unique multi-language support and social media focus, but lacks advanced analytics and integrations. Ideal for small to mid-sized global stores.
- **Rivo Loyalty:** Modern, cost-effective, and Shopify-centric, with frequent updates and high user satisfaction, but limited to Shopify and less robust for enterprise needs.

### 3.2.2 Strategic Recommendations

- **Pricing Strategy:** Position Herethere with a free plan and paid tiers starting at \$29/month, undercutting LoyaltyLion (\$159+) and Rivo (\$49+) while offering key features like analytics and POS support in lower tiers.
- **Analytics USP:** Prioritize advanced analytics (e.g., churn risk, segmentation) in all plans, surpassing BON's basic dashboards and matching LoyaltyLion's depth without tier restrictions.
- **Simplicity and Scalability:** Combine BON's user-friendly interface with LoyaltyLion's scalability for 5,000+ merchants, ensuring Herethere appeals to both small and enterprise users.
- **Shopify POS and Integrations:** Emphasize robust Shopify POS support (like LoyaltyLion and Rivo) and expand integrations (e.g., Klaviyo, Yotpo, Skio) to match Herethere's planned ecosystem, outpacing BON.
- **Innovation and Updates:** Adopt Rivo's frequent update model to stay competitive, ensuring Herethere's Rust backend and React frontend deliver modern features regularly.
- **Global Reach:** Consider BON's multi-language support as a future feature to target global markets, enhancing Herethere's appeal for international merchants.