

User Stories

FreeLunch - Buy Now Pay Never

Project Name: FreeLunch

Value Proposition: Freelunch is a decentralized payment gateway built on the Solana blockchain that allows users to purchase goods or services through a pay first get back later or instant rebate model. Merchants can integrate into their payment systems to offer customers seamless and low-cost payment options.

Product-Market Fit: The traditional payment systems, particularly recent BNPL models, often charges merchant high fees, slow transactions, and lack of transparency. I aim to address these pain points by leveraging the speed and scalability of Solana Blockchain. As a blockchain enthusiast, I'm excited about the potential of decentralized finance (DeFi) in providing more flexible, cost-efficient, and transparent payment solutions. This project not only explores the capabilities of blockchain technology but also has the potential to disrupt the consumer finance industry, empowering users with greater control over their purchases and payment plans.

Target User Profiles:

- **The Finance Savvy Buyer:**

- **Demographics:** Typically 30 - 50 with some leeway of financial freedom, residing in the country where selling crypto is a taxable event but lending crypto isn't.
- **Interests:** Personal Finance, Web3 Tech, Investment, Defi
- **Motivations:** Seeking to explore decentralised payment options that is innovative yet secure and safe. They want to leverage their crypto assets for earning and accessing goods without stress, valuing over collateralization to protect their asset.

- **The Forward-Thinking Merchant:**

- **Demographics:** Retailers and service providers in various industries (e-commerce, fashion, tech, etc.), ranging from small businesses to large enterprises. Typically located in tech-forward regions with a robust online presence.

- **Interests:** Customer acquisition, fast payment solutions, blockchain technology, innovative financial systems.
 - **Motivations:** Seeking secure, fast, and decentralized payment methods that ensure they get paid for their goods or services instantly while offering a flexible buying experience for customers. They also want to maximise their profit by cutting off transaction charges by their traditional payment service provider.
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User Stories:

User Story ID: BNPN-001a

- **Priority:** High
- **User Persona:** "Sarah", a responsible buyer
- **Goal:** Make a purchase and use staking to cover the cost with no immediate payments required.
- **User Story:** As a buyer, I want to stake my crypto assets on the platform so I can make purchases, and the staking reward earned from my staking covers the payment to the merchant.
- **Functionality:** The platform should allow me to:
 - Stake assets that i want to hold and use to generate interest and collateral for purchases.
 - View interest yield monthly and reward earned (both spent and unspent).
 - Get an estimation of purchasable limit based on staked asset.
- **Attributes:** The purchase should have:
 - Overcollateralized asset to ensure the merchant get paid in the future over time.
- **User Interaction:** I should be able to:
 - Stake asset that I want to generate yield from
 - Get an estimation of purchasable limit depending on my stake amount and staking duration.

User Story ID: BNPN-001b

- **Priority:** High
 - **User Persona:** "Sarah", a responsible buyer
 - **Goal:** Monitor my interest earnings and the status of my repayments.
 - **User Story:** As a buyer, I want to track how my staked assets are performing and how they're contributing to my purchase repayment so I can ensure I'm on track to meet my obligations and if how much i can withdraw from my stake without affecting the repayment.
 - **Functionality:** The platform should allow me to:
 - View interest earned on my staked assets.
 - See how much of my debt has been paid via staked rewards.
 - See the amount that I am allowed to unstake.
 - **Attributes:** The tracking dashboard should include:
 - Real-time updates of asset staked as collateral and monthly earned interest from staking.
 - Real-time update of repayments and unstakable amount without affecting the existing payment obligation.
 - **User Interaction:** I should be able to:
 - View my interested earn and get the update on my unstakable amount.
 - View transaction history
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User Story ID: BNPN-002a

- **Priority:** High
- **User Persona:** "Bob & Co", a forward-thinking merchant
- **Goal:** Receive a proof of future payment (pending payments) for sales via USDC stablecoin.
- **User Story:** As a merchant, I want to receive a proof of future payment for my products in USDC, using the buyer's staked assets, so that I can receive the proceed of my sales in the future.
- **Functionality:** The platform should allow me to:
 - Receive USDC payments monthly based on my sales.

- Verify that the proof of future payment is generated on-chain and receive notification of payment success from buyer.
 - **Attributes:** The proof of payment should be:
 - Instant at point of sales.
 - Securely verifiable by the blockchain.
 - **User Interaction:** I should be able to:
 - View my proof of payments received in real-time..
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User Story ID: BNPN-002b

- **Priority:** Medium
- **User Persona:** "Bob & Co", a forward-thinking merchant
- **Goal:** Check the status of my earning and the fulfilment status of the payment to fulfil the proof of future payment.
- **User Story:** As a merchant, I want to check that the proof of future payment is fulfilled and paid for .
- **Functionality:** The platform should allow me to:
 - Check all my pending payment and fulfilled payment
- **Attributes:** All payment should be
 - transparent and verifiable on chain.
- **User Interaction:** I should be able to:
 - View all my received payment and pending payment.