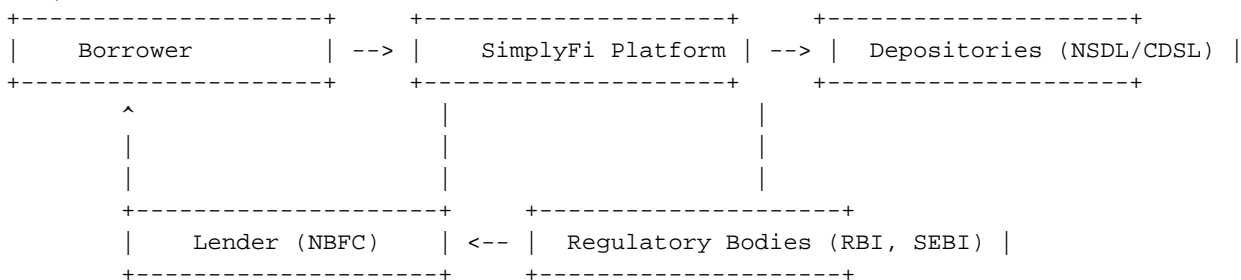


BRD Analysis - 2025-08-12

Okay, let's dive into an analysis of the SimplyFi BRD, focusing on identifying potential issues, suggesting improvements, and outlining a preliminary architecture diagram. **Overall Assessment:** The BRD summary provides a good starting point, but it's currently quite high-level. It clearly defines the core objectives and scope, but lacks the depth needed for a development team to confidently build the platform. There's a significant reliance on "likely" and "potential," which needs to be addressed with more concrete details. The summary also doesn't sufficiently highlight the complexity introduced by integrating with multiple third-party systems (Depositories, UIDAI, SEBI). **Key Concerns & Suggested Improvements:**

- Lack of Detail on LTV Calculation & Dynamic Adjustment:** The BRD mentions "dynamic adjustment based on market conditions" for LTV caps. This is crucial, but the BRD doesn't specify *how* this adjustment will occur. We need a clear definition of the algorithm, the frequency of updates, and the data feeds required. *Suggestion:* Add a section detailing the LTV calculation engine, including the data sources (e.g., stock prices, bond yields) and the update frequency (e.g., hourly, daily).
- KYC/Identity Verification – Oversimplified:** The BRD mentions "Multi-factor identity verification (Aadhaar, PAN, Video KYC)." While important, it needs more elaboration. What specific data points will be extracted from Aadhaar? What are the acceptable video KYC providers? What are the fallback mechanisms if video KYC fails? *Suggestion:* Create a detailed KYC/Identity Verification workflow diagram and a list of required integrations.
- Risk Management – Requires Significant Expansion:** The current BRD only touches on margin calls. A robust risk management system is paramount. We need to define:
 - Stress Testing Scenarios:** What market scenarios will be simulated?
 - Risk Tolerance Levels:** What are the acceptable levels of risk for different collateral types?
 - Reporting Requirements:** What types of risk reports are needed for regulatory compliance?*Suggestion:* Add a section dedicated to Risk Management, including the risk metrics to be monitored, reporting requirements, and the risk mitigation strategies.
- Recovery Process – Needs Clarity:** "Streamlined recovery processes" is too vague. The BRD should outline the steps involved in asset liquidation – from initiating the process to completing the sale – and include details about legal considerations and potential challenges.
- Stakeholder Dependencies:** The BRD doesn't fully articulate the dependencies between SimplyFi and its key stakeholders. For example, the timeline for processing loan requests depends on the responsiveness of the Depository platforms. *Suggestion:* Create a dependency map illustrating these interconnections.

Preliminary Architecture Diagram (Text-Based):



Key: **Solid Boxes:** Core System Components **Dashed Arrows:** Data Flow/Integration

Next Steps: To move forward, I recommend the following:

- Detailed Requirements Gathering:** Conduct workshops with stakeholders to delve deeper into each functional area.
- Data Mapping:** Create a comprehensive data map outlining the data requirements for each component.
- Process Flow Diagrams:** Develop detailed process flow diagrams for key activities, such as loan origination, collateral revaluation, and recovery. Do you want me to focus on a specific aspect of the BRD, such as the LTV calculation engine, KYC/Identity Verification, or perhaps create a more detailed process flow

diagram for loan origination? Would you like me to generate a flowchart illustrating the loan origination process?