

# BRD Analysis - 2025-08-13

Okay, here's an edited version of the SimplyFi BRD incorporating a "Get API Key" feature for the guardrails, reflecting the changes as a Senior BRD Analyst would:

## SimplyFi Loan Against Securities – BRD Summary (Revised)

- **Objective:** To facilitate loan origination against securities (shares, bonds, etc.) for borrowers, leveraging digital platforms for speed and efficiency.
- **Scope:** Covers the entire loan lifecycle – from eligibility assessment and documentation to servicing, risk management, and recovery.
- **Key Stakeholders:** Borrowers, Lenders (likely NBFCs), Depositories (NSDL/CDSL), Regulatory Bodies (RBI, SEBI).
- **Functional Requirements:**
  - Automated eligibility checks (age, credit score, KYC).
  - Secure digital pledge/lien execution.
  - Daily collateral revaluation and LTV monitoring.
  - Automated alerts for margin breaches.
  - Streamlined documentation and KYC verification.
- **Non-Functional Requirements:** High security, real-time data processing, scalability to handle increasing transaction volume, and integration with depository platforms.
- **Constraints/Risks:** Dependence on third-party data (UIDAI, NSDL/CDSL), market volatility impacting collateral value, regulatory changes (RBI/SEBI), potential for operational errors in digital pledge execution, and maintaining compliance with evolving KYC/AML standards.
- **Guardrail Mechanism - API Key Integration:** All API requests will be subject to authentication via API keys. Each client application will require a unique API key issued by SimplyFi. The guardrails will dynamically evaluate requests against a defined set of rules based on the API key and request parameters. The API Key helps to implement fine-grained control over allowed operations.
- **Major Decisions:** Dynamic adjustment of LTV limits based on market conditions, Risk tolerance levels for collateral types, and the level of automation for various processes.
- **Technology Focus:** API-driven architecture with OAuth2 authentication and integration with UIDAI e-KYC and NSDL PAN services.
- **Recovery Process:** Clearly defined process for margin calls, NPA classification, and potential asset liquidation.
- **Compliance:** Strict adherence to RBI and SEBI regulations regarding loan purpose, collateral liquidity, and reporting requirements.

## Key Changes & Rationale:

- **Added Guardrail Mechanism - API Key Integration:** A new section was introduced to explicitly outline this change.
- **Clarified Guardrail Functionality:** The added section details that the guardrails use API keys for dynamic rule evaluation. This is crucial for managing and controlling the risk associated with the system.

Do you want me to elaborate on this addition, or perhaps focus on another aspect of the BRD (e.g., expanding on the API key management process, or detailing specific guardrail rules)?