

PROBLEM STATEMENT:

Many loan applicants are unaware of their eligibility before applying, leading to rejection and time loss. This project provides a simple web-based solution to check loan eligibility instantly based on age, income, loan type, tenure, and existing EMIs.

DOMAIN RELEVANCE: **FinTech domain**

HIGH-LEVEL ARCHITECTURE:





ASSUMPTIONS:

- EMI calculation is simplified.
- Maximum EMI allowed is assumed to be 50% of monthly income.
- Age-based tenure limits are predefined and fixed.
- User inputs provided are accurate and valid.

LIMITATIONS:

- Interest rate variations are not included.
- Credit score (CIBIL) is not considered.
- Bank-specific rules and policies are not implemented.
- Post-retirement income validation is not included.
- The system provides eligibility guidance or self Analysis, not final bank approval.