Here’s a **functional requirements breakdown** for your **Interest-Free Loan (Qard Hasan) App (multi-lender model, no central fund, direct transfers)**:

**📋 Functional Requirements**

**1. User Management**

* Users can **register** with name, email, phone, password.
* Users must complete **identity verification (KYC)**:
  + Upload ID (NID/Passport).
  + Phone verification (OTP).
  + Optional guarantor.
* Users can choose a role: **Borrower, Lender, or Both**.

**2. Borrower Features**

* Submit loan request:
  + Amount requested.
  + Purpose (education, medical, business, etc.).
  + Repayment duration (weeks/months).
  + Optional supporting documents.
* View loan request status (pending, funded, in repayment, completed).
* Accept/reject lenders once fully funded (if required).
* Repayment schedule tracker.
* Receive repayment reminders.
* Ability to reschedule loan (with lender approval).
* Option to mark a loan as “partially forgiven” (if lender allows sadaqah).

**3. Lender Features**

* Browse loan requests (filters: purpose, amount, location, verification level).
* View borrower profile & trust score.
* Pledge partial or full loan amount.
* See how much of a request is already funded.
* Sign digital contract with borrower.
* Transfer money directly to borrower (via external payment like bKash/Bank).
* Mark repayment as received.
* Track repayments (dashboard with total funded, repaid, outstanding).
* Rate borrower after loan completion.

**4. Loan Management**

* Loan request must reach **100% funding before activation**.
* Multiple lenders can fund one loan request.
* Auto-generate **Qard Hasan contract** (with all lender + borrower names, amounts, repayment schedule).
* Contract must be digitally signed before transfer.
* Track all repayments & distribute them proportionally to lenders.
* Handle partial repayments (system splits amount across lenders proportionally).

**5. Trust & Verification**

* Borrower & lender profiles with trust score.
* Trust score increases with successful repayments.
* Verification badges:
  + ✅ Verified ID
  + 🕌 Verified by Mosque/Community Leader
  + ⭐ Good Borrower (100% repayment history)
* Borrowers must provide guarantor (optional for small loans, required for big ones).

**6. Notifications & Reminders**

* Email/SMS/push notifications for:
  + Loan request submitted.
  + Loan request funded.
  + Contract ready for signing.
  + Payment due soon.
  + Payment missed.
* Motivational Islamic reminders (hadith on debt repayment, virtues of giving loans).

**7. Dashboard & Reporting**

* **Borrower Dashboard**:
  + Active loans, repayment progress, reminders.
* **Lender Dashboard**:
  + Total funded, outstanding repayments, repayment success rate.
* **Admin Dashboard**:
  + User management, loan tracking, dispute resolution.

**8. Dispute Handling**

* Borrower can request rescheduling (must be approved by lenders).
* Lender can flag non-repayment cases.
* Admin can intervene (manual resolution).

**9. Admin Features**

* Approve/reject users after verification.
* Approve/reject loan requests.
* Manage disputes.
* Manage system settings (loan limits, repayment durations).
* Generate reports (e.g., total loans given, repayment rates).

**10. Islamic Compliance**

* No interest calculation at all.
* All agreements clearly state repayment = principal only.
* Reminders & mercy options for borrowers (reschedule / forgive).
* Zakat & sadaqah option: Lender can forgive part of loan → automatically marked as sadaqah.

**⚡ MVP vs Future Expansion**

✅ **MVP (Phase 1):**

* Registration & verification.
* Loan request & funding (multi-lender).
* Direct transfers (outside app).
* Repayment tracking & reminders.
* Trust score system.

🚀 **Future Expansion:**

* Escrow payments (inside app).
* Mosque/community endorsements.
* AI-based contract scanner.
* Gamification (hasanat points).
* Integration with zakat/sadaqah funds.