Controllers Required

1) Login page. (Requestbody (gets email, password) (Post)
~~Post~~ 1) Authenticate (role checking happens)
2) Generate Jwt token
3) redirects to Dashboard Page.)

/login

~~2) Dashboard Page (GET)~~

2) Customer Data Management

/customer

(a) Add Customer (Post)
Requestbody: (Employee_master)
1) We just have Save that Employee_master into db

(b) List all (Get)
1) Fetch all Customer details
2) Edit and delete for every Row.
(a) Edit: (put)
Requestbody: { employee_master }
1) updates db
2) Sends the new list and updates the UI.

(b) delete: (delete)
Requestbody: { employee_Id }
1) delete row in that table
2) And manages all dependencies

lid
:id
eid

3) Loan Card Managemat

/Loan

a) add (Post)
Requestbody: (Loan Card master)
(save it db)
~~only if loan_id is unique~~

(b) ~~delete~~ List all : ~~(put)~~ (Get)

(a) Edit: (put)
Requestbody: (loan_card_master)

(b) delete: (delete)
Requestbody: { loan_card_master }

Db

Loan_Card_master (Fixed) (added by admin)
- Loan_id (auto) (PK)
- Loan_type (FK)
- duration_in_years

Item_master (auto)
- Item_id (PK)
- Item_description
- issue_status ✓
- item_make
- item_Category
- item_Valuation

employee_Card_details
- employee_id (FK)]→(PK)
- loan_id (FK)]
- Card_issue_date default

employee_master (auto)
- employee_id (PK)
- employee_name
- designation
- department
- gender
- date_of_Birth
- date_of_joining default

employee_issue_details
- Issue_id (auto) →(PK)
- employee_id (FK)
- item_id (FK)
- issue_date default
- return_date

Loan Request
- employee_id (FK)]→(PK)
- ~~empl~~ Item_id (FK)

Categories
- category

Materials
- material

employee_Credentials
- employee_id (email) (PK)(FK)
- email
- employee_password
- employee_role

(id, email, password) → customer

4) Item master /Item

Request body: (Item master)

a) Add: (post)

b) List all (Get)

1) Edit: (post)

2) delete: (delete)

Loan User Management

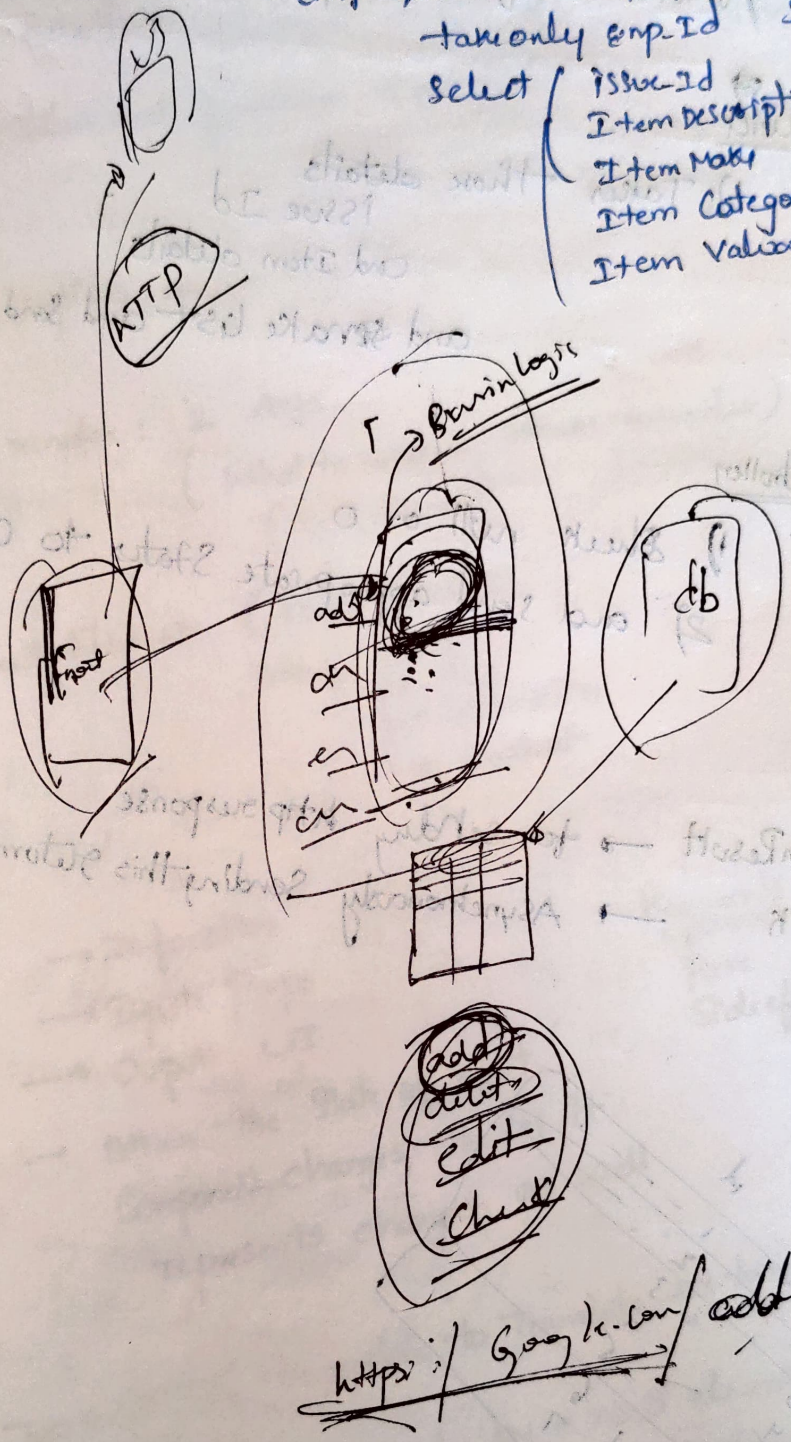
Employee
- Login
- apply for loan
- View all loan cards availed
- View all items purchased on loan cards.

UI

1) Login
2) dashboard (View loans, Apply for loan, View Items purchased)
3) Apply for loan (Request Body: Employee id, Item Description, Item Category, Item Make, Item Value, Can choose the Tenor)
   1) Search Item using (Item Desc, Category, Make)
   2)
4) display all Loan Cards : Get
   - Sends Employeeid
   - Search in employee Card details
   - List all loan_Card details

5) display all items purchased : (Get)

employeemaster x employeeissuedetails
take only emp_Id
Select (issue_Id
Item Description
Item Make
Item Category
Item Valuation)



https://Google.com/addlet.

Create repository
Create Service
Create Controller

Start

Register → Normally we register

Request Body: (employee_master + employee_credentials)

Id's have to be generated automatically

Login → Request Body: (email, Password, Select role)

Employee (Employee must be logged in)

Apply for Loan: ~~Select Loan type~~ (selected)

Item category + Item Make + Item Tenure + Item Description + Item Value

→ 1) Entered by Employee
2) Stored in Item_master
3) a record created in loan request table

These two need to be fetched Based on Item category

Admin: request list

EmpID
ItemID → After creating record in Item_master
LoanID → only category, tenure

1) Has loan requests
2) Has options to accept or decline
3) accept: 1) create a record employee issue details
2) Create a record Loan_card master
3) Create a record employee_card details
4) Mark item issue in issue master as True.
5) remove this record from request list
4) decline:
1) mark item issue status in issuemaster as False
2) Remove this record from request list.

Item_master:

1) When employee enters these details while applying for loans.
2) Item record gets created