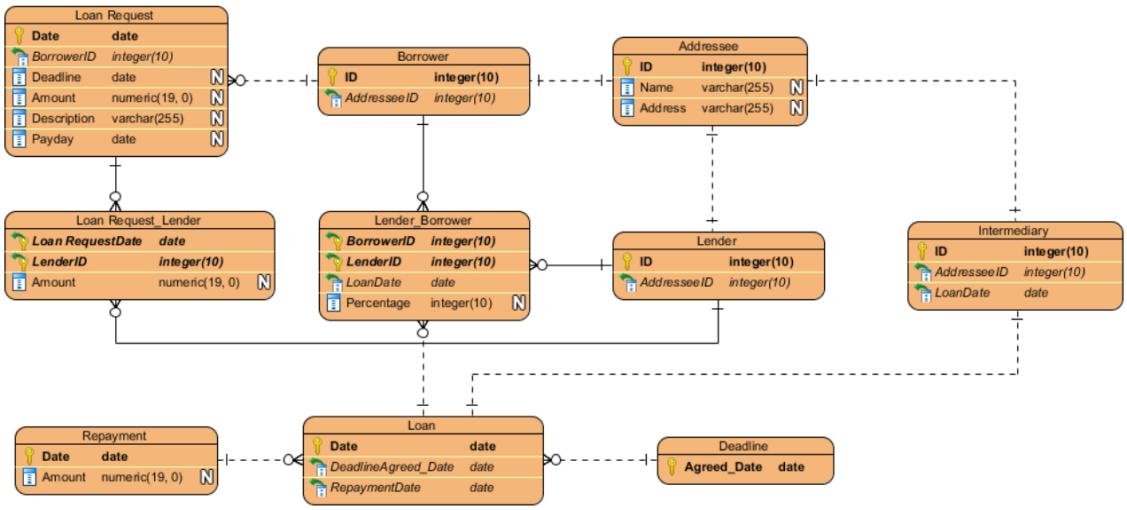
You work as a database administrator for Loan system your Business Requirements are

- Twenty-four hour availability
- Daily backups required
- Complete database recovery required

- So, you need to Creating a Standby Database in the same machine
- Create database as following ER



- Create a necessary tables, indexes, views and materialized views
- Creating necessary tablespaces
- You have 2 DBAs and 14 user with different privileges and roles divided to four groups
- Assign Temp tablespace for each group

For first group

- password will expire with 50 days
- Number of failed login 3
- Number of concurrent session 4
- Assign suitable quotas

For second group

- password will expire with 120 days
- Number of failed login 2
- Number of concurrent session 1
- Assign suitable quotas

For third group

- password will expire with 20 days
- Number of failed login 1
- Number of concurrent session 2
- Assign suitable quotas

- Save Lender table in ASM
- You expect records in each table from 150K to 600K
- Database Configuration
- Archiving is enabled.
- Log files are mirrored and distributed across multiple devices.
- Control files are mirrored and distributed across multiple devices.
- Create a flash recovery area
- Flashback Database is enabled.
- Create ASM using 2 Disk groups
- Use Typical memory management
- Use Unicode AL32UTF8
- Generate database creation scripts
- Generate database template
- Create a failure group in ASM
- Define the table space full metric threshold to warning 60 critical 80
- Specify mandatory audit
- Set your backup to
    - compressed backup set
    - maximum backup piece 300m
    - auto backup

    - exclude users tablespace
    - set retention policy to 10 day
- create recovery catalog
- Backup database plus archivelog as a copy
- Export table Borrower to dump file
- Chose your backup strategy and create scripts for your backups
- Ensure that your database work in best performance
- Suggest 10 Reports