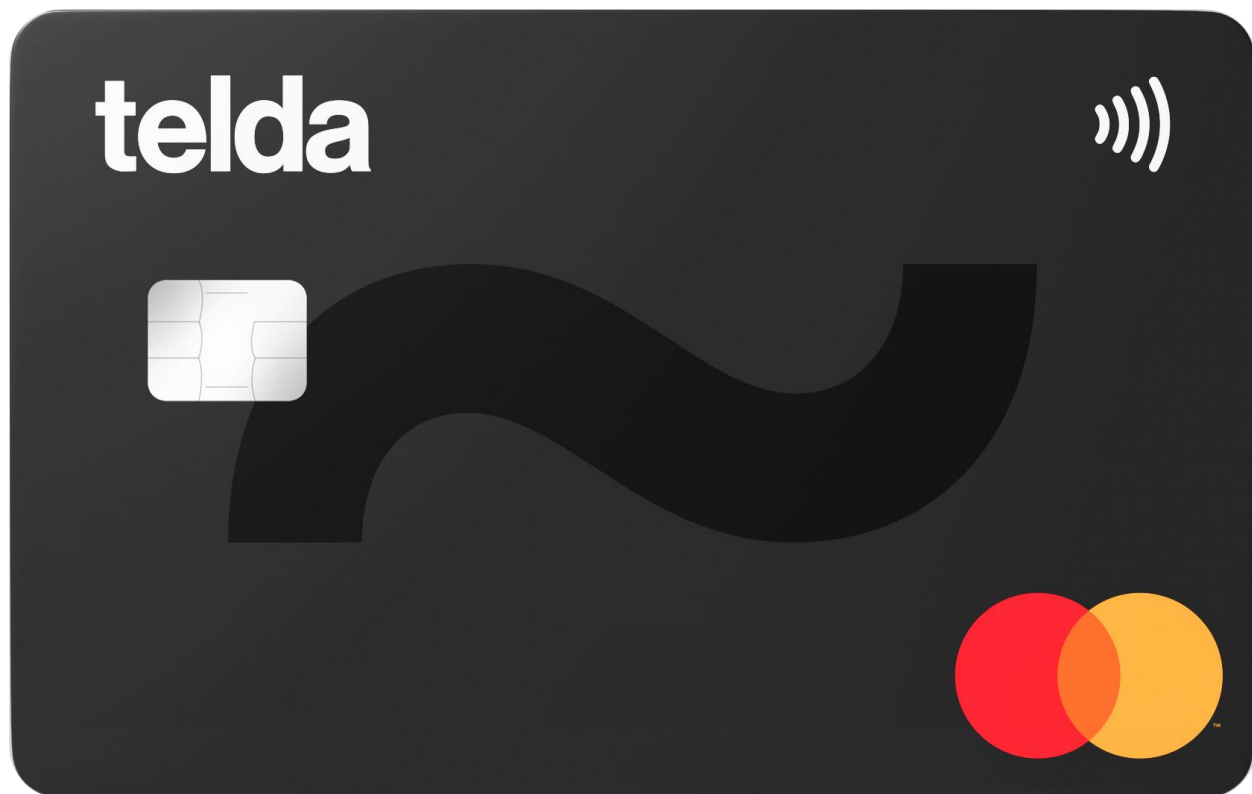


Telda web documentation



System description:

Online wallet system that organizes, manages and connect between different clients and the staff. It provides a range of features to enable users to manage their accounts, make transactions, and stay informed about their financial activities. The system has a secure login function that allows clients to access their accounts using their login credentials. Once logged in, clients can manage their account by updating their personal information such as name, email, password, and card PIN. They can also lock their card or delete their account temporarily or permanently.

The system also allows clients to request a card by creating an account and uploading the required documents. Clients can check their balance, recharge it using a credit card, and send money to other users by their phone number. They can also view their historical transactions and request money from friends by sending a request with the required amount to their phone number. Additionally, users can donate to a number of charities in the system directly. Moreover, users will be able to request a loan in case of they need and the can payback later.

The system sends notifications to clients about offers, gifts, or money requests. Clients can also check the policy, agreement, and other information about the company. They can ask for help by submitting a request form, and the system's staff can manage help requests and respond to them. Furthermore, the staff can manage client requests for a card, review them, and respond with acceptance or ask for more information or documents.

The system's admin users can manage staff accounts with full CRUD features, including deactivating accounts. The staff can manage all clients' accounts by retrieving some information such as balance, name, and history, in addition to deactivating accounts (excluding card data). Staff can send notifications of new offers to clients and generate reports regarding clients' statistics from the database. Overall, the system provides a range of features and functionalities to ensure an optimal user experience while maintaining high levels of security and privacy.

Functional requirement (clients)

Function	Description
Login	The client should be able to login and access his account
Manage account	The client should be able to update his info such as (name, email, password and card PIN) as well as lock his cord or delete his account (Temporary or permanently).
Request card	The user should be able to request for a card by creating an account and uploading the required documents.
Check balance	Once the user logged, he should be able to check his balance
Recharge balance	The user can recharge his balance via a credit card
Send money	User can send money to other users by their phone number
View actions	The user should be able to check his historical transaction (payment, recharges and transfers).
Request money	Users can request a money from a friend by sending a request with the required amount to their number
Donate	Users can donate to a number of charities in the system directly
Check notification	Notification can be received from the system as gifts or offers or it could be a money request from a friend or it could be a help response
Check policy	The user can check the policy, agreement and other info about the company
Get help	Clients can ask for help by submitting a request form
Request loan	Clients can borrow some money to use in their transaction and payback later

Functional requirement (Staff)

Function	Description
Login	The Staff should be able to login and access his account
Manage account	The Staff should be able to update his own info such as (name, email, password).
Manage helps	Staff can view the help requests and response
Manage card request	Staff should receive the client requests, review it and response with acceptance or ask for more info or documents.
Manage Staff	Admins should be able to manage staff accounts with full CRUD features in addition to deactivating accounts
Manage clients	Staff should be able to manage all clients account by retrieving some info such as (balance, name and history) in addition to deactivating the account (Can NOT reach the card data)
Send Notification	Staff can send write and send notifications of new offers to the clients
Generate report	Staff can generate some reports regarding clients and different statistics from the database.

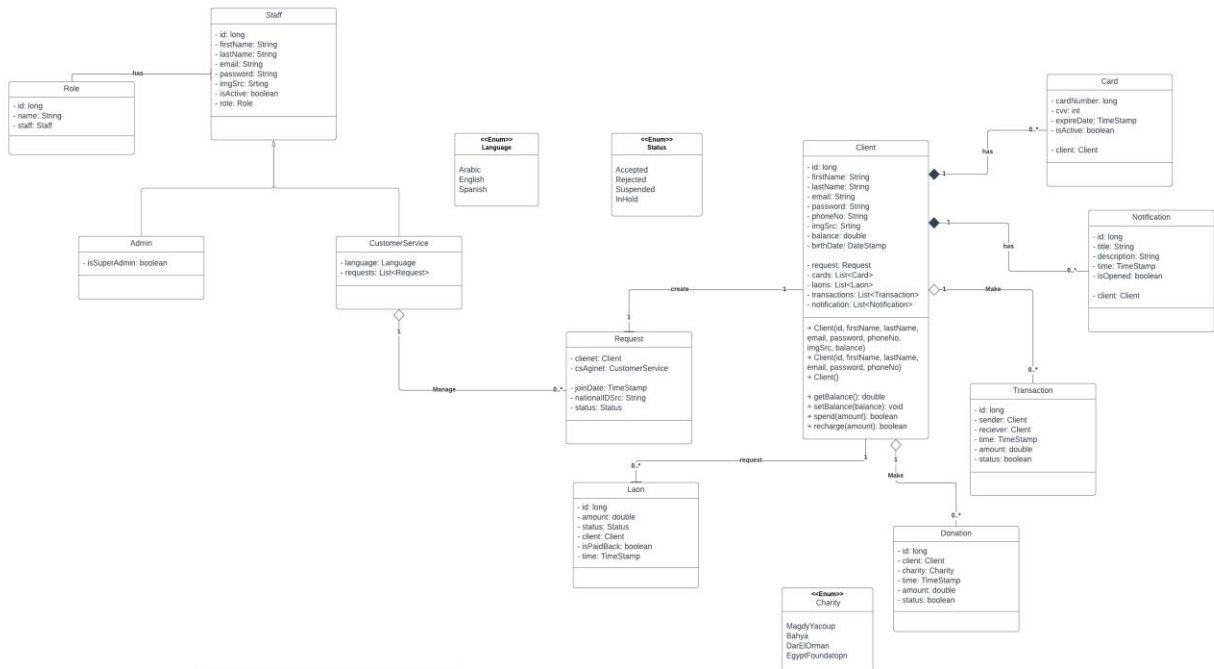
Non-Functional requirement

1. **Security:** The website must have strong security measures in place to ensure the safety and privacy of users' sensitive information, such as personal and financial data, login credentials, and transaction history.
2. **Reliability:** The website must be highly reliable and available at all times to ensure that users can access their accounts, make transactions, and perform other activities without any disruption or downtime.
3. **Performance:** The website must be fast and responsive, with quick page load times, smooth navigation, and minimal latency, to provide users with a seamless and enjoyable experience.
4. **Scalability:** The website must be scalable and able to handle a growing number of users, transactions, and data without compromising its performance or security.
5. **Usability:** The website must be user-friendly and easy to use, with intuitive navigation, clear instructions, and helpful feedback, to enable users to complete their tasks quickly and efficiently.
6. **Accessibility:** The website must be accessible to users with disabilities or special needs, such as visually impaired or hearing-impaired users, and comply with accessibility standards and guidelines.
7. **Compatibility:** The website must be compatible with different devices, platforms, and browsers, to ensure that users can access it from their preferred device and browser without any compatibility issues.

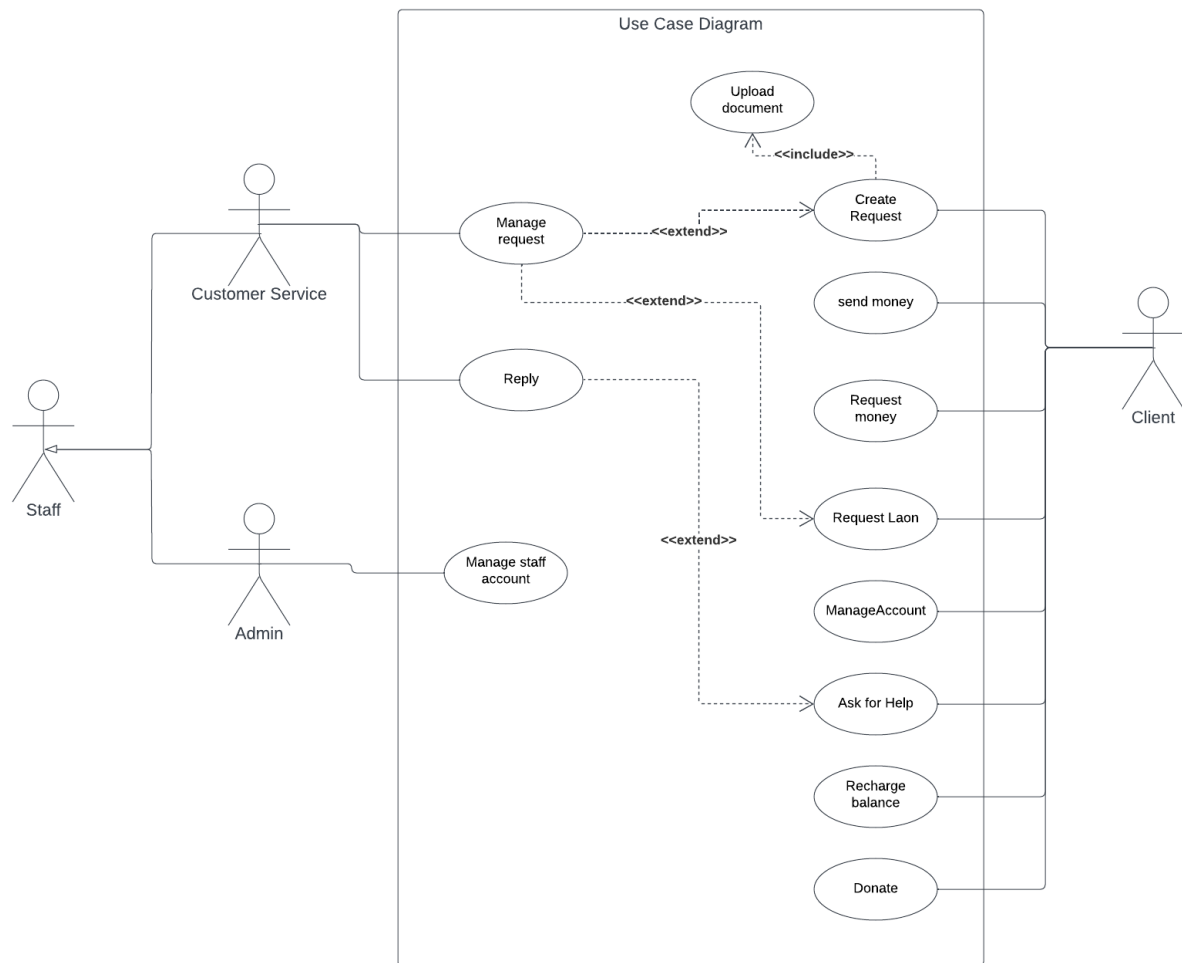
Essential Policy

1. All users can create account and once they create account, they are able to request a card.
2. Once they have got an account, they can only edit their accounts and request a card but they cannot perform any transaction (having account means nothing without having a card).
3. Each user can request many cards as they need but for each new card they get, all their previous cards get deactivated Permanently.
4. Each user can request a specific amount of money as a loan with limit 3000 EGP.
5. Each user can make as many transactions as they need once they get a card as long as they did not exceed their balance limit (100,000) daily spend limit (10,000) "donation is included".
6. Admins are responsible for manage all stuff accounts. However, only super-admin can manage admins account.
7. Staff are responsible for managing card requests from clients and they are able to generate some reports about clients data or the other statistics such as the total amount of money in Telda, total spend, total number of customers or the new customer this month, wee, or year.

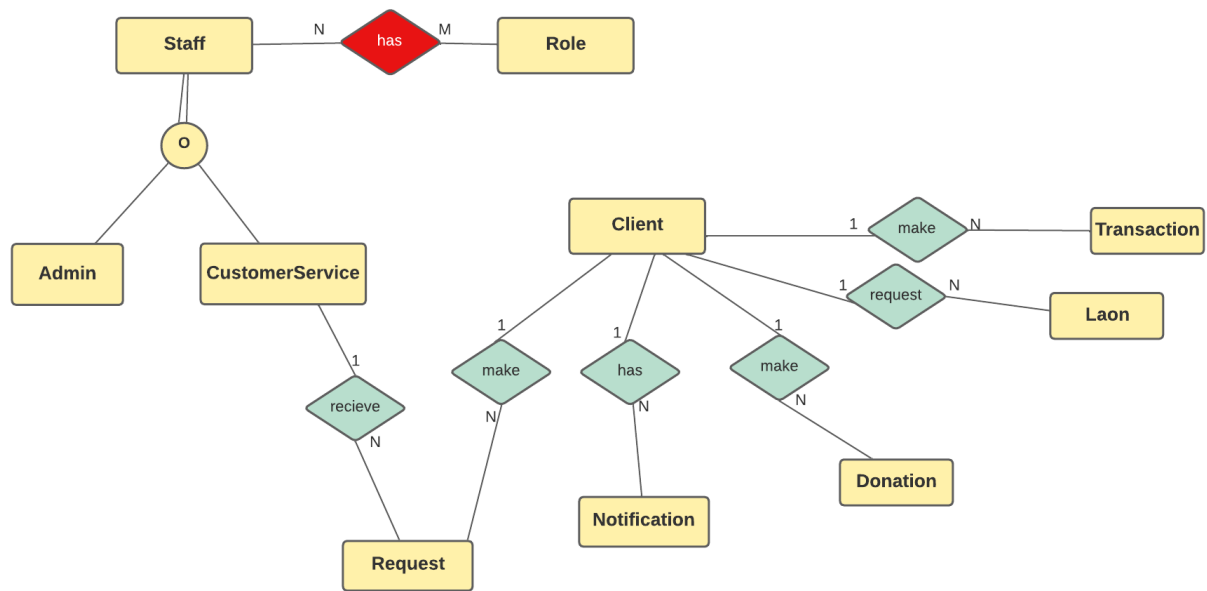
UML class diagram



Use case diagram



E-ERD



ERD

