

# CSE303 PROJECT PRESENTATION

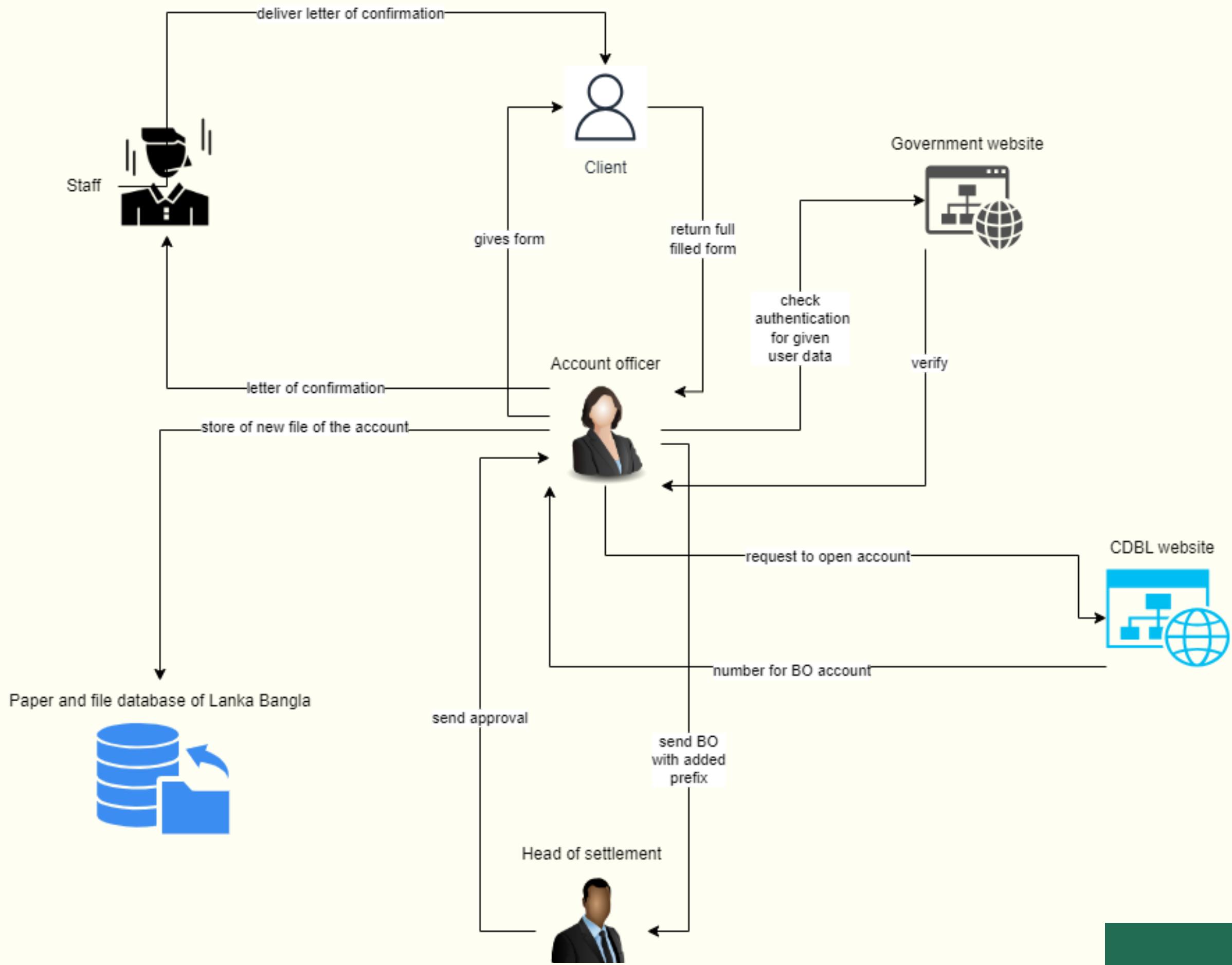
Done By Team

## QUERY QUEST

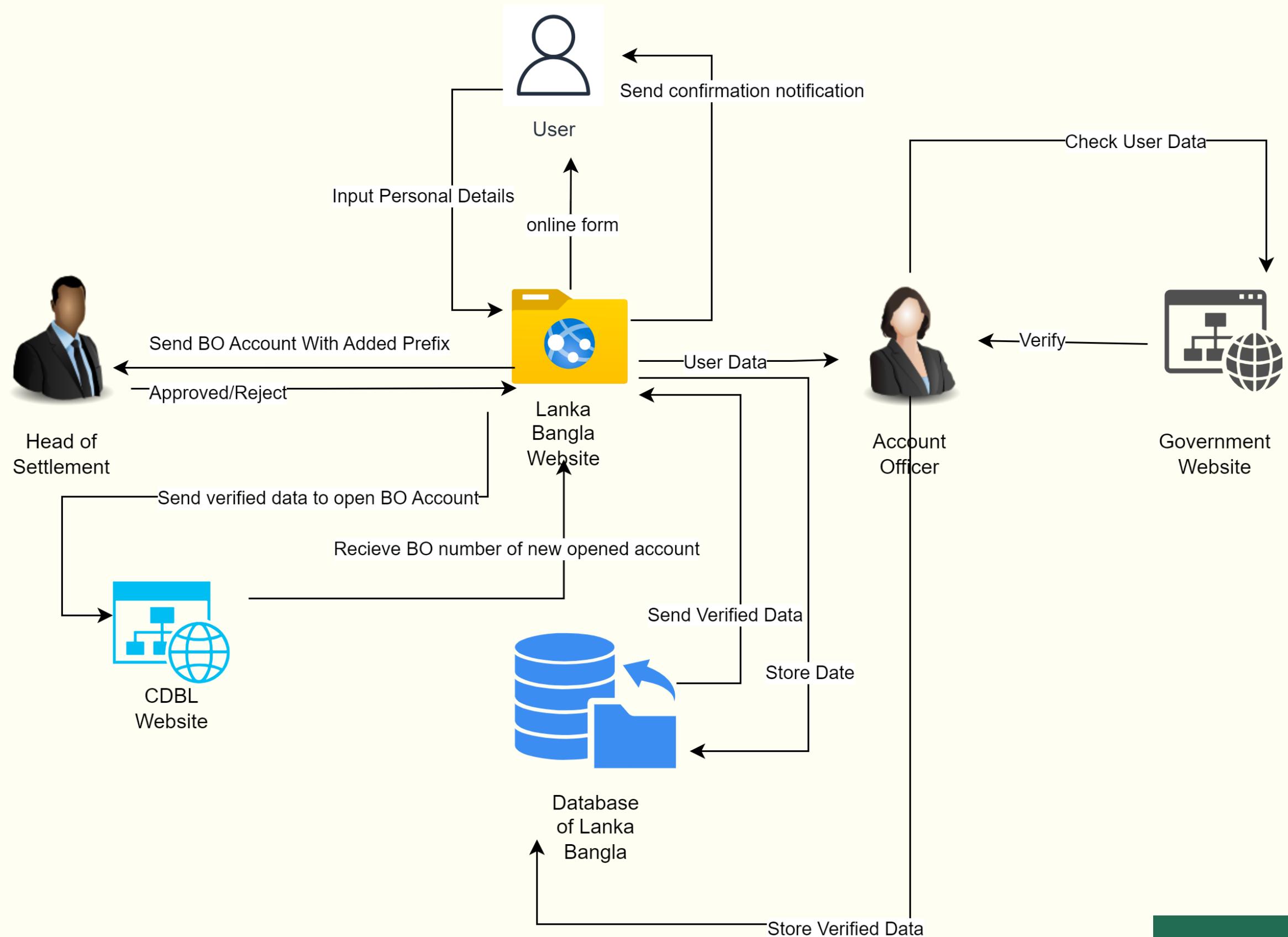
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**LANKABANGLA FINANCE  
LIMITED'S ONLINE SERVICES**

# RICH PICTURE AS IS



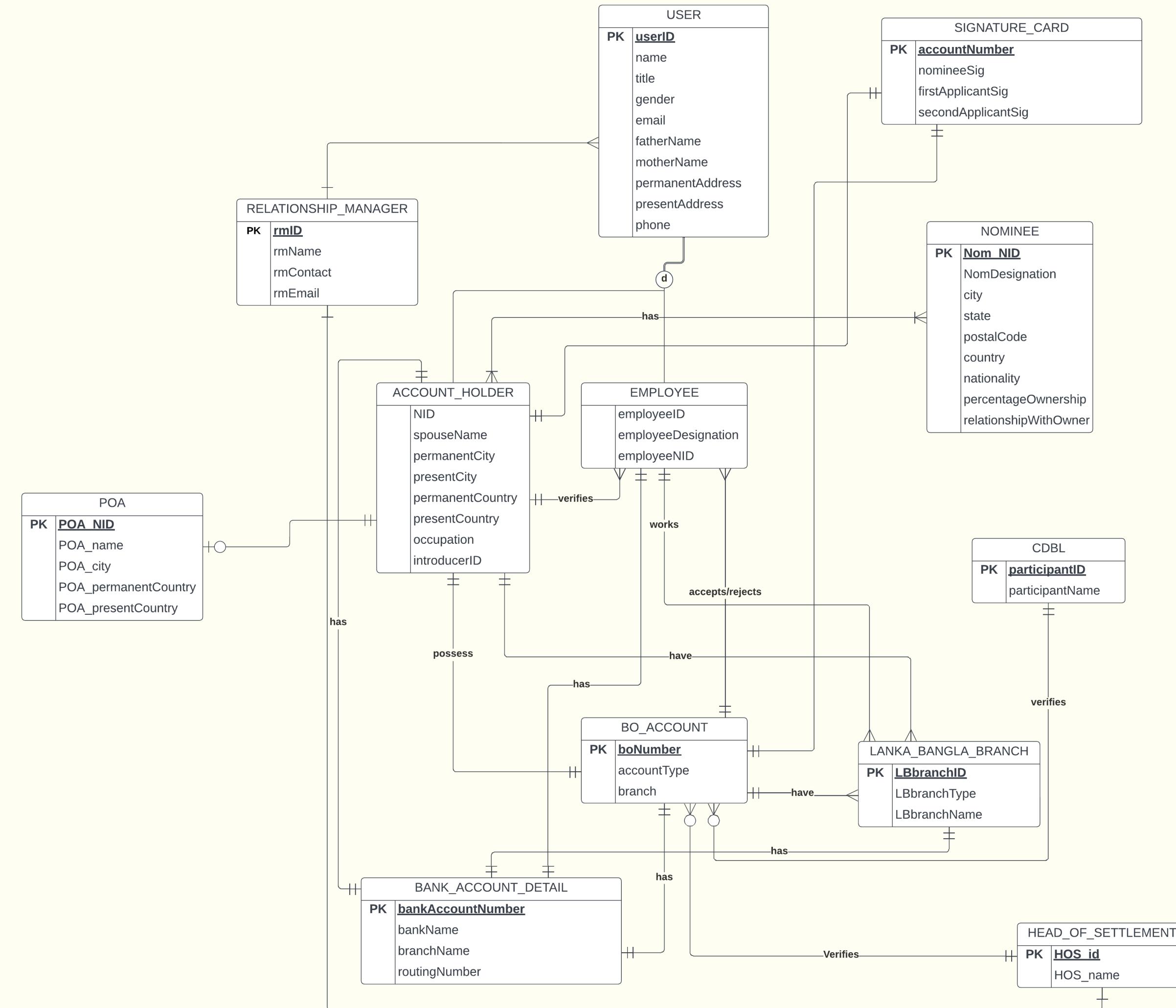
# RICH PICTURE TO BE



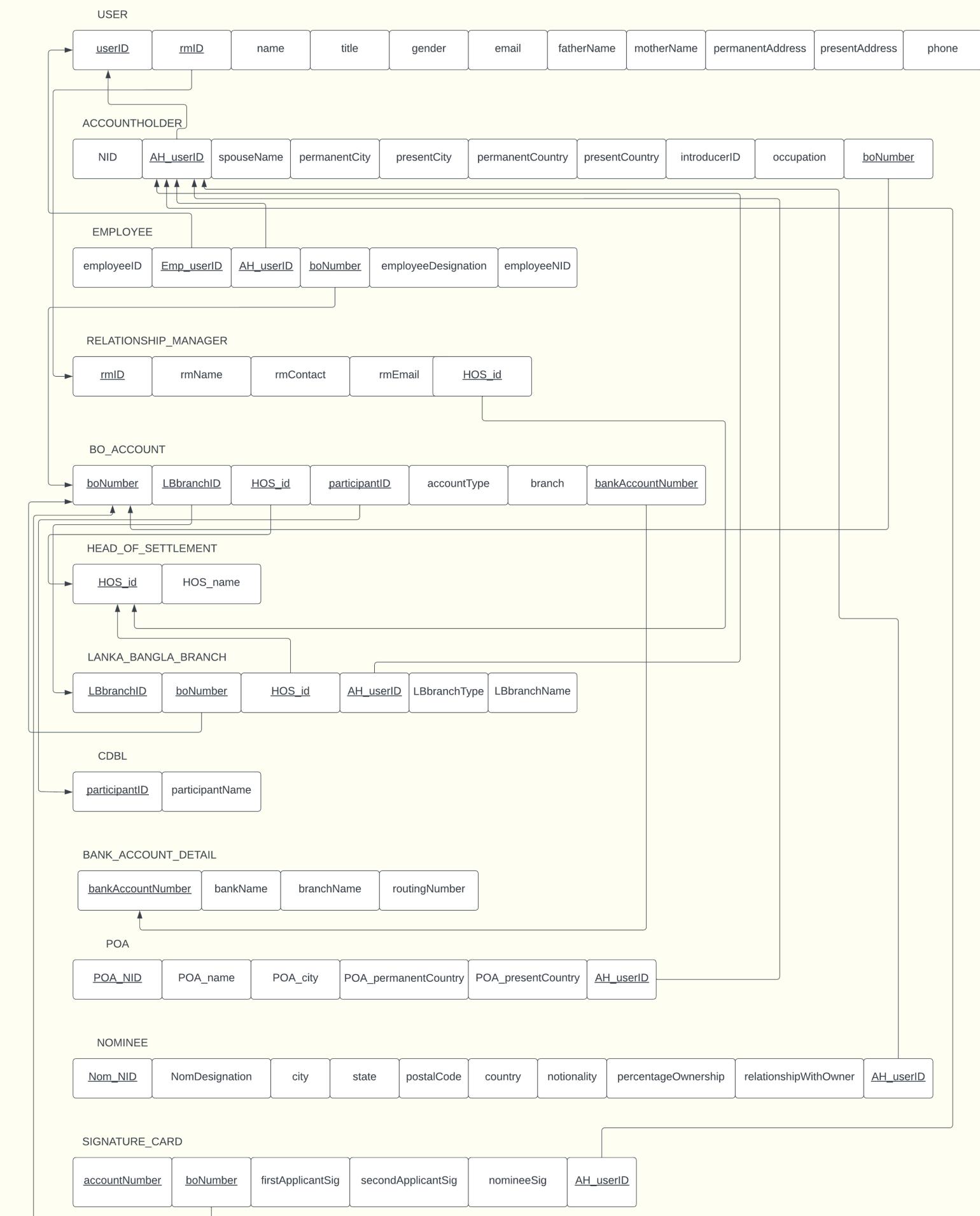
## EXISTING PROBLEMS & ANALYSIS OF THE PROBLEM

PROCESS NAME	EXISTING SYSTEM PROBLEMS	PROPOSED SOLUTIONS
Developing an online service for LankaBangla Finance Limited	Customers needed to visit the finance office to get their forms, from the accounts officer to register.	Providing an online service platform would allow the customer to register from their residence without facing the hassle of travelling to their designated offices.
Developing a cloud storage solution for file database system.	Customer's data/information are stored in a file database, where they faced issues with security and loss of data.	Providing a cloud storage solution to safeguard the customer's data/information to ensure security and back up data.
Automation of system which verifies the data and notifies the client when verification is complete.	Account officer needed to manually input the data in the government website of the customer and then had to wait for letter confirmation which was later passed on by a staff.	Online form is automatically submitted to government website where it checks the user data and is later verified by the accounts officer, and the user gets notified by email/text.
Automation of verification and approval of BO number.	After verification from the government website, the officer will request to open an account on the CDBL website. Which then sends a BO number for an account. It is then later sent to the Head with added prefix for approval and then sent back to the officer to confirm it to the client.	After verification from the government website, the LankaBangla website will send verified data to the CDBL website to open an account. It will then send this information back to the LankaBangla website which will then send the BO account with added prefix to the Head for approval and then notify the client.

# EERD



# RELATIONAL SCHEMA



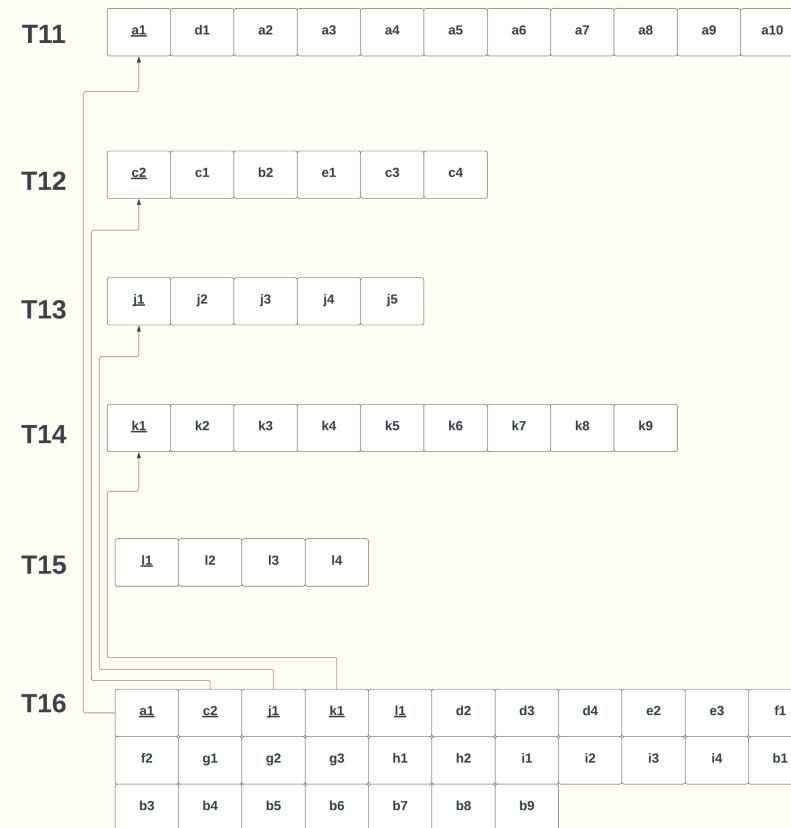
# NORMALIZATION

## 1NF

**T1**

<u>a1</u>	d1	a2	a3	a4	a5	a6	a7	a8	a9	a10
<u>c2</u>	c1	b2	e1	c3	c4	b1	b3	b4	b5	b6
b7	b8	b9	g1	f1	h1	e2	e3	i1	g2	g3
h2	f2	i2	i3	i4	j1	j2	j3	j4	j5	k1
k2	k3	k4	k5	k6	k7	k8	k9	l1	l2	l3
l4	d2	d3	d4							

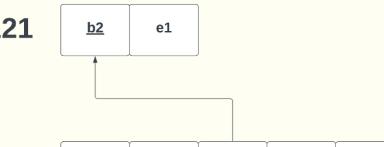
2NF



3NF

T11 Is already in 3NF

T121



T123

Is already in 3NF

T13

Is already in 3NF

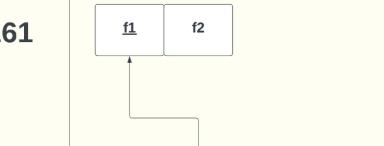
T14

Is already in 3NF

T15

Is already in 3NF

T161



T162

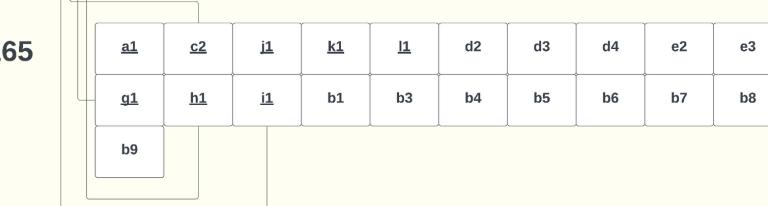
T163

T164

T165

BCNF

All relations are in BCNF



# Thank You

