

School: Geeta Public School

Class: X (CBSE)

Section: 10th C

Roll Number: 13

Guided By: Sukhwinder Singh Sir

1. Introduction

This project titled 'KingKs Ecosystem Project' is developed using LibreOffice Base. The objective of this project is to understand how a centralized database system can manage Aadhaar, PAN, Bank, and Education (APAAR) details efficiently.



LibreOffice
Base

2. Tools & Technology Used

- LibreOffice Base (HSQLDB Embedded)
- Tables, Queries, Forms, Reports
- SQL Views for data merging
- Microsoft Word (for documentation)

3. Database Design

The project consists of three main tables:

1. CKYC_AadhaarMaster:
Stores Aadhaar, PAN, personal, and contact details.
2. CKYC_BankRecords:
Stores bank details like account number, IFSC code, account type, and Aadhaar seeding status.
3. Education_Apaar:
Stores education details including school/college, board, percentage, APAAR ID, degree, and university.

Tables

-  ALL DATA FOR REPORT
-  CKYC_AadhaarMaster
-  CKYC_BankRecords
-  Education_Apaar

Steps to Create a Table in Design View (LibreOffice Base)

- **Open LibreOffice Base**
Start LibreOffice and open your existing database file or create a new database.
- **Go to Tables Section**
In the left panel, click on Tables.
- **Select "Create Table in Design View"**
From the Tasks pane, click on Create Table in Design View.
- **Enter Field Names**
In the **Field Name** column, type the required field names one by one (example: ID, Full_Name, Aadhaar_Number, Mobile, etc.).
- **Choose Field Types**
In the **Field Type** column, select appropriate data types such as:
 - Text (VARCHAR)
 - Integer
 - Date
 - Decimal

	Field Name	Field Type	
ID	ID	Integer [INTEGER]	
Full_Name	Full_Name	Text [VARCHAR]	
Date_of_Birth	Date_of_Birth	Date [DATE]	
Gender	Gender	Text [VARCHAR]	
Aadhaar_Num	Aadhaar_Num	Text (fix) [CHAR]	
Address	Address	Text [VARCHAR]	
State	State	Text [VARCHAR]	
Pincode	Pincode	Text (fix) [CHAR]	
Mobile	Mobile	Text (fix) [CHAR]	
Email	Email	Text [VARCHAR]	
PAN_Number	PAN_Number	Text (fix) [CHAR]	
CKYC_Number	CKYC_Number	Text [VARCHAR]	

Connecting 3 Tables in One View for Report Generation

To generate a **complete report**, a VIEW was created by connecting the following three tables:

- **CKYC_AadhaarMaster**
(Aadhaar, PAN, personal details)
- **CKYC_BankRecords**
(Bank account and Aadhaar seeding details)
- **Education_Apaar**
(Education and APAAR details)

Common Key Used for Connection

□ **ID / Person_ID / Edu_ID**

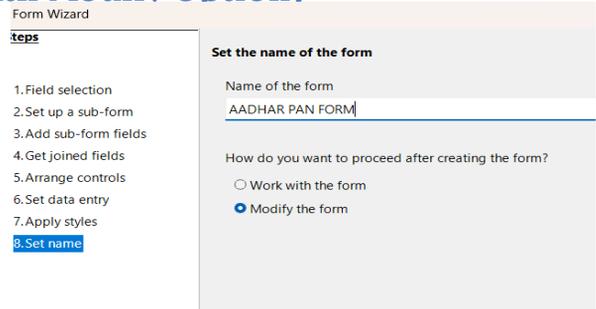
These fields act as a **link between tables** so that data of the same person can be merged correctly.

A special VIEW named 'ALL DATA FOR REPORT' was created by merging Aadhaar, PAN, Bank, and Education tables for final reporting.

6. Forms

Steps to Create Form Using Wizard View (with Modify Option)

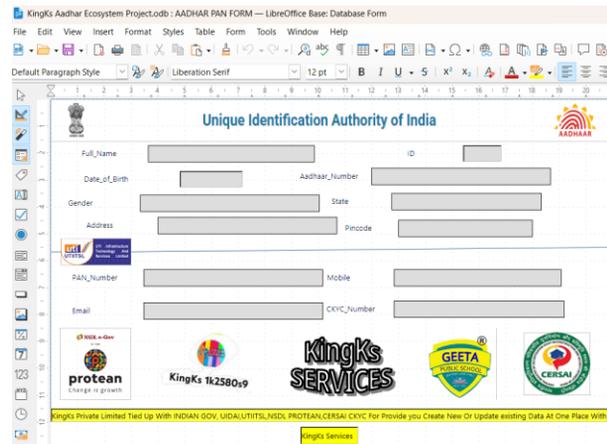
- **Open LibreOffice Base**
Open the KingKs Ecosystem Project database file.
- **Go to Forms Section**
Click on Forms from the left panel.
- **Select “Use Wizard to Create Form”**
In the Tasks pane, click on Use Wizard to Create Form.
- **Choose Table or Query**
Select the required Table or View (e.g., CKYC_AadhaarMaster) from the list.
- **Select Fields**
move required fields from Available fields to Fields in the form using the >> button.
- **Click Next (Subform Selection)**
Choose No subform (for main Aadhaar form) or Yes, add subform (for bank & education forms).
- **Choose Layout of Controls**
Select a suitable layout such as Columnar – Labels Left.
- **Set Data Entry Mode**
Choose:
 - *The form is to display all data*
 - *Allow modification of existing records*
- **Apply Styles**
Select a form style and background color.
- **Choose Modify Form Option**
Select Modify the form and click Finish.



Modifying the Form in Design View

After clicking *Finish*, the form opens in **Design View** where:

- Labels are aligned properly
- Text boxes are resized
- Logos and headings are added
- Professional layout is designed



Creating Form with Subform (Bank & Education Records)

Purpose of Subform

Subforms are used to show **related data from another table** linked with the main form.

7. Reports

Reports were generated using merged data views to display complete information of individuals including Aadhaar, PAN, Bank, and Education details.

8. Conclusion

This project helped me understand database concepts like tables, queries, forms, views, and reports. It also enhanced my skills in data management and presentation.



Unique Identification Authority of India



Full_Name	Bhavin Rau	ID	1
Date_of_Birth	23/09/81	Aadhaar_Number	360082946525
Gender	Male	State	Telangana
Address	95, Dutta Marg, Rajahmundry 298837	Pincode	546858



PAN_Number	YGBOH0205E	Mobile	+911010768187
Email	kvenkataraman@gmail.com	CKYC_Number	85225899705780



KingKs Private Limited Tied Up With INDIAN GOV, UIDAI, UTIITSL, NSDL PROTEAN, CERSAI CKYC For Provide you Create New Or Update existing Data At One Place With

KingKs Services

Person_ID	1	Edu_ID	1
Bank_Name	Yes Bank		
Customer_ID	799674992407		
Account_Numbe	3351422167900		
IFSC_Code	YESB0172344		
Account_Type	SALARY		
Aadhaar_Seeded	Y		
Education_Level	School (10th)		
Institution_Name	Govt. Model School		
Board_University	University		
Passing_Year	1996	Edu_Percentage	45.60
Edu_ClassType	Merit		



Apaar_ID_Numbe	Not Available
University_Name	Not Available
Degree	Not Available
Year_Graduated	0
Apaar_Percentage	0.00
Exam_RollNumbe	Not Available
Apaar_ClassType	Not Available
Apaar_Available	Not Available



```
File Edit View Insert Tools Window Help
SELECT "Bank_Name", "Account_Number", "Aadhaar_Seeded" FROM
"CKYC_BankRecords" WHERE "Aadhaar_Seeded" = 'Y' ORDER BY
"Bank_Name"
```

```
File Edit View Insert Tools Window Help
SELECT "Bank_Name", "Aadhaar_Seeded" FROM
"CKYC_BankRecords" WHERE "Aadhaar_Seeded" = 'Y'|
```

KingKs Aadhar Ecosystem Project.odt : Aapar id Available — LibreOffice Base Table Data View

KingKs Aadhar Ecosystem Project.odt : Aapar not available — LibreOffice Base Table Data View

```
File Edit View Insert Tools Window Help
SELECT "Aapar_Available", "Aapar_ID_Number",
"University_Name", "Degree", "Aapar_Percentage" FROM
"Education_Aapar" WHERE "Aapar_Available" = 'Available'
ORDER BY "Aapar_Percentage" DESC
```

```
File Edit View Insert Tools Window Help
SELECT "Aapar_Available", "Education_Level",
"Edu_Percentage" FROM "Education_Aapar" WHERE
"Aapar_Available" = 'Not Available' ORDER BY
"Edu_Percentage" DESC
```

KingKs Aadhar Ecosystem Project.odt : mp data — LibreOffice Base Table Data View

KingKs Aadhar Ecosystem Project.odt : Salary account — LibreOffice Base Table Data View

```
File Edit View Insert Tools Window Help
SELECT "ID", "Full_Name", "State", "Aadhaar_Number",
"PAN_Number" FROM "CKYC_AadhaarMaster" WHERE "State" =
"Madhya Pradesh" ORDER BY "Full_Name"
```

```
File Edit View Insert Tools Window Help
SELECT "Bank_Name", "Account_Type", "Account_Number" FROM
"CKYC_BankRecords" WHERE "Account_Type" = 'SALARY' ORDER BY
"Bank_Name"
```

CKYC_AadhaarMaster - KingKs Aadhar Ecosystem Project - LibreOffice Base Table Data View

CKYC_BankRecords - KingKs Aadhar Ecosystem Project - LibreOffice Base Table Data View

ID	Full_Name	Date_of_Birth	Gender	Aadhaar_Number	Address	State	Pincode	Mobile	Email	PAN_Number	CKYC_Number
1	Bhavin Raut	23/09/81	Male	36067946752	95, Durga M	Telangana	546638	+91101076	ovkatarat.YEBOH0205F	852258995700	852258995700
2	Gokul Bora	16/07/73	Female	26886487195	01,830, Suni	Uttar Prad	370930	+91983776	raush816.MMTTWM4G70		Not Available
3	Krish Gaba	20/10/58	Female	722171192908	H.No.17, Ag	Bihar	480174	+917100293	jirhal@bc.TSHU1694GR	88228198262674	88228198262674
4	Medika Chandu	19/10/91	Female	483667592950	22/14, Biswa	Bihar	406641	+91867157	cheahand.NGDWK5482D	84029677414741	84029677414741
5	Lakshay Bir	30/10/74	Female	494337315472	H.No. 373, B	Uttar Prad	607144	+91968770	tsavani@S.CCAL645A		Not Available
6	Moharal Chau	16/09/06	Female	964975317270	207, Rasu 71	Maharash	288208	+91637450	sembhanti.PRIHQ3052Q	0532658060103	0532658060103
7	Anika Khare	20/12/60	Male	968267572937	H.No. 647, C	Assam	798938	+91601769	abram316.CMRG0150R		Not Available
8	Anahi Singhal	02/09/01	Male	641304364538	39, Dhirga	(West Ben	811843	+91029150	choprajit.MSOND1191Q	094827661666209	094827661666209
9	Vidur Chander	11/07/57	Female	891649203073	H.No. 89, So	Uttar Prad	536709	+91197959	baralrajni.CFBIL990H	17427400304645	17427400304645
10	Fshani Chokshi	13/05/91	Female	77283326229	98/733, Rala	Gujarat	380947	+91077419	hushar906.HWMMN7114I	66780525964853	66780525964853
483	Jiya Sundaram	17/05/99	Male	722634768339	H.No. 92, Sh	Jharkhand	867417	+91359726	talico@g.JLSLU8436P	2947222832149	2947222832149
486	Akarshi Dyaia	11/09/01	Female	776640987041	95/531, Dew	Odisha	756708	+91713437	kushiniemi.HDQZ752C	7201329298180	7201329298180
487	Alisha Chaudhri	15/07/01	Female	269754061472	H.No. 23, Ch	Gujarat	398532	+91833795	madhupp.MVBNK1599R		Not Available
488	Zeeshan Challo	03/05/69	Female	697420801549	30, Buch Ma	Haryana	204176	+91742345	bulakiani.MN2GL687J	15095041741619	15095041741619
489	Kaif Akhij	12/07/85	Male	566045923710	62, Busch, Mad	Maharash	203352	+91433499	yiduma@.CHRF8350F	116661182002674	116661182002674
490	Neysa Verma	03/03/73	Male	595135617375	28/10, Chou	Kerala	329134	+91341054	bhamini@.XKYG97870	23319770007180	23319770007180
491	Mirvan Lail	09/02/00	Male	135276103576	H.No. 41, Ra	Madhya P	476617	+91369977	ishan5561IKRD1636F		Not Available
492	Alia Tandon	17/01/95	Female	795785507960	346, Kumer,	Punjab	460780	+91307250	sathczain@.XUINV063C	12864003023570	12864003023570
493	Shayak Singhal	30/11/67	Male	6718230162411	H.No. 201, C	West Ben	793051	+91735522	dshere@.HLAB0161P	75212918996677	75212918996677
494	Ira Akhija	26/05/82	Female	844933362999	19, Rishi Gan	Karnatak	124475	+91831046	borahom@.NWCY2985G		Not Available
495	Zara Borra	12/10/73	Male	345720623510	H.No. 596, J	Assam	767919	+91832009	lakshaydn.WVJLG1638D	498734721610229	498734721610229
496	Divil Ramasua	27/11/98	Female	967726681748	H.No. 142, K	Gujarat	769566	+91719797	sanielsasa.DNKTFD51F		Not Available
497	Elia Lalla	02/01/64	Female	426100310927	66/90, Warri	Telangana	516818	+91672955	akala@cm.RMPSO080Q	53241780449664	53241780449664
498	Ucija Deshmukh	20/03/54	Female	490343006687	313, Dhawar	Chhattisg	910916	+919186	lud@padhyaj@.XUSK1166U	13523066722637	13523066722637
499	Romil Ramd	01/06/54	Male	199287021178	99, Dooli No	Madhya P	724387	+91714161	shhania@.ORND03148P		Not Available
500	Jhiv Dhardwad	13/06/03	Female	741014755030	H.No. 64, W	Maharash	300577	+91021643	amiraaur@.XJCN0097D		Not Available

Person_ID	Bank Name	Customer_ID	Account Number	IFSC Code	Account Type	Aadhaar
1	Yes Bank	739574892407	3351422167900	YES00172344	SALARY	Y
2	Yes Bank	045588824959	42426284872562	YES0050005	SAVINGS	Y
3	State Bank of India	33787876319	41591964999916	SBIN0731051	SAVINGS	Y
4	Axis Bank	340706540	21920175431	UTID0416519	SAVINGS	Y
5	State Bank of India	4658525551	0224902618119586	SBIN024075	SAVINGS	Y
6	Industrial Bank	511750400	42766809094571	INDIB090372	SAVINGS	N
7	Yes Bank	84533521	20152320125	YES00333164	SAVINGS	Y
8	Union Bank of India	181112276	0148444393616	UBIN0101014	SAVINGS	Y
9	IDBI Bank	51055913	767940327957	IDBL0110075	SAVINGS	Y
10	HDFC Bank	412362029422	7021394232620	HDFC040824	SAVINGS	N
11	KICI Bank	569894335	62947276261914	KICIB022941	CURRENT	Y
12	ICICI Bank	15054515535	016875536210767	ICID0174526	SAVINGS	Y
13	Industrial Bank	775930063	485787425260	INDIB092540	SAVINGS	Y
14	Union Bank of India	020106037619	34308110291	UBIN0513501	SAVINGS	Y
15	Axis Bank	40009361805	5702050512755455	UTID050680	SAVINGS	Y
198	Axes Bank	16386916	61871796181012	UBIN080191	SAVINGS	Y
196	Bank of Baroda	563991296	8294179616967	BARB0427209	SAVINGS	Y
487	Indian Bank of Boroda	48287878332	2025274517	BARB0427209	SAVINGS	Y
488	Axis Bank	76877358	76969764956	UTID064298	SAVINGS	Y
498	Yes Bank	75496119946	0815275316311805	YES006185	CURRENT	Y
490	Canara Bank	71092326801	0154921919490	CNAB0280949	SAVINGS	Y
491	Canara Bank	822840536200	82388117506828	CNAB0209117	CURRENT	Y
497	Kotak Mahindra	402989999	87346386581326	KKBK070429	SAVINGS	Y
493	Yes Bank	810495047630	37491672260	YES00693571	SALARY	Y
494	Indian Bank	980106866	253201150114990	IBIN052112	SAVINGS	Y
495	HDFC Bank	9643136942	516802172404	HDFC057082	SALARY	N
496	Axis Bank	476442156880	07394567230275	UTID072029	SAVINGS	Y
497	HDFC Bank	15591174540	1372685119334	HDFC029945	CURRENT	Y
498	Yes Bank	2735207122	97755322392005	YES009006	CURRENT	Y
499	KICI Bank	98812036256	7622213213	KICIB04870	CURRENT	Y
500	Canara Bank	043150103878	1062882642488	CNAB0273220	SAVINGS	Y

Education_Aapar - KingKs Aadhar Ecosystem Project - LibreOffice Base Table Data View

Education_Level	Institution_Name	Board/University	Passing_Year	Edu_Percentage	Edu_Classification	Aapar_Available	Aapar_ID_Number	University_Name	Degree	Year_Graduated	Aapar_Percentage	Exam_Roll Number	Aapar_Status
School (10th)	Govt. Model School	University	1995	45.60	Merit	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
School (10th)	Modern Public School	CBSE	1988	55.92	Second Class	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
School (10th)	National College	University	1974	45.15	First Class	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
School (10th)	City College	ICSE	2006	51.66	Pass	Available	APD075852467004	BHU	B.Sc.	2015	51.09	64151119	Merit
Bachelor's	City College	University	1997	68.81	Merit	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
Bachelor's	Central School	ICSE	2080	73.01	First Class	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
Master's	Central School	University	1986	74.45	Second Class	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available
Bachelor's	De Vignis School	State Board	2002	61.71	Distribution	Not Available	Not Available	Not Available	Not Available	0	0.00	Not Available	Not Available



NSDL e-Gov



Change is growth



ID	1	Full_Name	Bhavin Rau
Date_of_Birth	23/09/81	Gender	Male
Aadhaar_Number	360082946525	Address	95, Dutta Marg, ▶
State	Telangana	Pincode	546858
Mobile	+911010768187	Email	kvenkataraman@gmail.com
PAN_Number	YGBOH0205E	CKYC_Number	85225899705780
Bank_Name	Yes Bank	Customer_ID	799674992407
Account_Number	3351422167900	IFSC_Code	YESB0172344
Account_Type	SALARY	Aadhaar_Seeded	Y
Education_Level	School (10th)	Institution_Name	Govt. Model School
Board_University	University	Passing_Year	1996
Edu_Percentage	45.60	Edu_ClassType	Merit
Apaar_Available	Not Available	Apaar_ID_Number	Not Available
University_Name	Not Available	Degree	Not Available
Year_Graduated		Apaar_Percentage	0.00
Exam_RollNumber	Not Available	Apaar_ClassType	Not Available

All project data and reports will be available [here](#). This project is made by Krishna Sengar under the guidance of Sukhwinder Sir, Geeta Public School.

THIS REPORT CONTAINS DATA OF 500 INDIVIDUALS.

Declaration

I hereby declare that this project titled “**Kingks Ecosystem Project**” is my original work and has been completed by me using **LibreOffice Base**.

The information used in this project is created for educational purposes only and does not contain any real personal data.

I have completed this project under the guidance of **Mr. Sukhwinder Singh Sir** and have not copied it from any other source.

Student Name: Krishna Sengar

Class: X (CBSE)

Section: C

Roll Number: 13

School: Geeta Public School

Signature: _____

Date: _____

Certificate

This is to certify that **Krishna Sengar**, student of **Class X (CBSE), Section C**, RollNumber **13**, of **Geeta Public School**, has successfully completed the project titled “**KingksEcosystemProject**” using **LibreOffice Base** under my guidance and supervision.

This project is an original work and has been completed as per the CBSE curriculum requirements. The student has shown sincere effort, dedication, and interest in completing the project.

I wish him all the best for his future endeavors.

Teacher’s Name: Mr. Sukhwinder

Singh

Subject Teacher: Computer

Applications / IT

School: Geeta Public School

Teacher Sign

SCHOOL STAMP