Shree Swaminarayan College of Computer Science
Sardarnagar, Bhavnagar.
(Affiliated to M. K. Bhavnagar University)

Progress Report Number:	1
Project Title	Master Budget
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Roll No.	Name of Student
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Submission Date	
Signature of Students	
Signature of Guide	

Shree Swaminarayan College of Computer Science

MASTER BUDGET

1. DATA DICTIONARY and ER DIAGRAM

1.1.DATA DICTIONARY

- Data Dictionary is representing the details of Table which are available in the System. Here some Tables which are designed in the Database.

1) Table: Accounts

Sr. no.	Field Name	Type	Size	Constraints	Description
1	Name	Varchar	20	Not Null	Name of User
2	Email	Varchar	30	Primary Key	Email ID of User
3	Country	Varchar	20	Not Null	Country of User (Reference Currency (Country_name))
4	Password	Varchar	20	Not Null	Password for Login

2) Table: Bank_details

Sr. no.	Field Name	Type	Size	Constraints	Description
1	bankName	Varchar	20	Not Null	Name of Bank
2	accountNo	Varchar	11	Not Null	Account Number
3	ifscCode	Varchar	11	Not Null	IFSC Code of Bank Branch
4	email	Varchar	30	Not Null	Email id of User (Reference Account (Email))
5	PhoneNo	Char	10	Not Null	Phone Number
6	branch	Varchar	20	Not Null	Name of Bank Branch
7	Pincode	Char	6	Not Null	Pincode of Branch
8	date	Datetime	-	-	Date

3) Table: Category

Sr. no.	Field Name	Type	Size	Constraints	Description
1	category_ID	int	11	Primary Key	Category ID
2	accountNo	Varchar	11	Not Null	Account Number (Reference Bank_details (accountNo))
3	category_name	Varchar	20	Not Null	Name of Category
4	type	Varchar	10	Not Null	Category type (Income / Expense)
5	date	datetime	-	-	Date

4) Table: Currency

Sr. no.	Field Name	Type	Size	Constraints	Description
1	country_id	Int	3	Primary Key	Country ID
2	Country_name	Varchar	20	Not Null	Country Name
3	currency	Varchar	30	Not Null	Name of Currency
4	Symbol	Varchar	10	Not Null	Symbol of Currency
5	crvalue	Double	-	-	Currency in US Dollar like (1 USD = 86.03 INR)

5) Table: Transactions

Sr. no.	Field Name	Type	Size	Constraints	Description
1	account	Varchar	20	Not Null	Account Number (Reference Account (accountNo))
2	tran_id	Double	-	Primary Key	Transaction ID
3	tranname	Varchar	20	Not Null	Transaction Name
4	category	Varchar	20	Not Null	Category of Transaction (Reference Category (category_name))

5	tran_date	date	-	-	Transaction date
6	type	Varchar	20	Not Null	Transaction Type (Income / Expense)
7	method	Varchar	20	Not Null	Payment Method
8	amount	double	-	-	Transaction Amount
9	memo	Text	-	-	Description of Transaction
10	date	datetime	-	-	Current time when transaction perform

6) Table: Income

Sr. no.	Field Name	Type	Size	Constraints	Description
1	account	Varchar	20	Not Null	Account Number (Reference Account (accountNo))
2	tran_id	Double	-	Primary Key	Transaction ID
3	tranname	Varchar	20	Not Null	Transaction Name
4	category	Varchar	20	Not Null	Category of Transaction (Reference Category (category_name))
5	type	Varchar	20	Not Null	Transaction Type (Income / Expense)
6	method	Varchar	20	Not Null	Payment Method
7	tran_date	date	-	-	Transaction date
8	amount	double	-	-	Transaction Amount
9	balance	double	-	-	Balance

7) Table: Expense

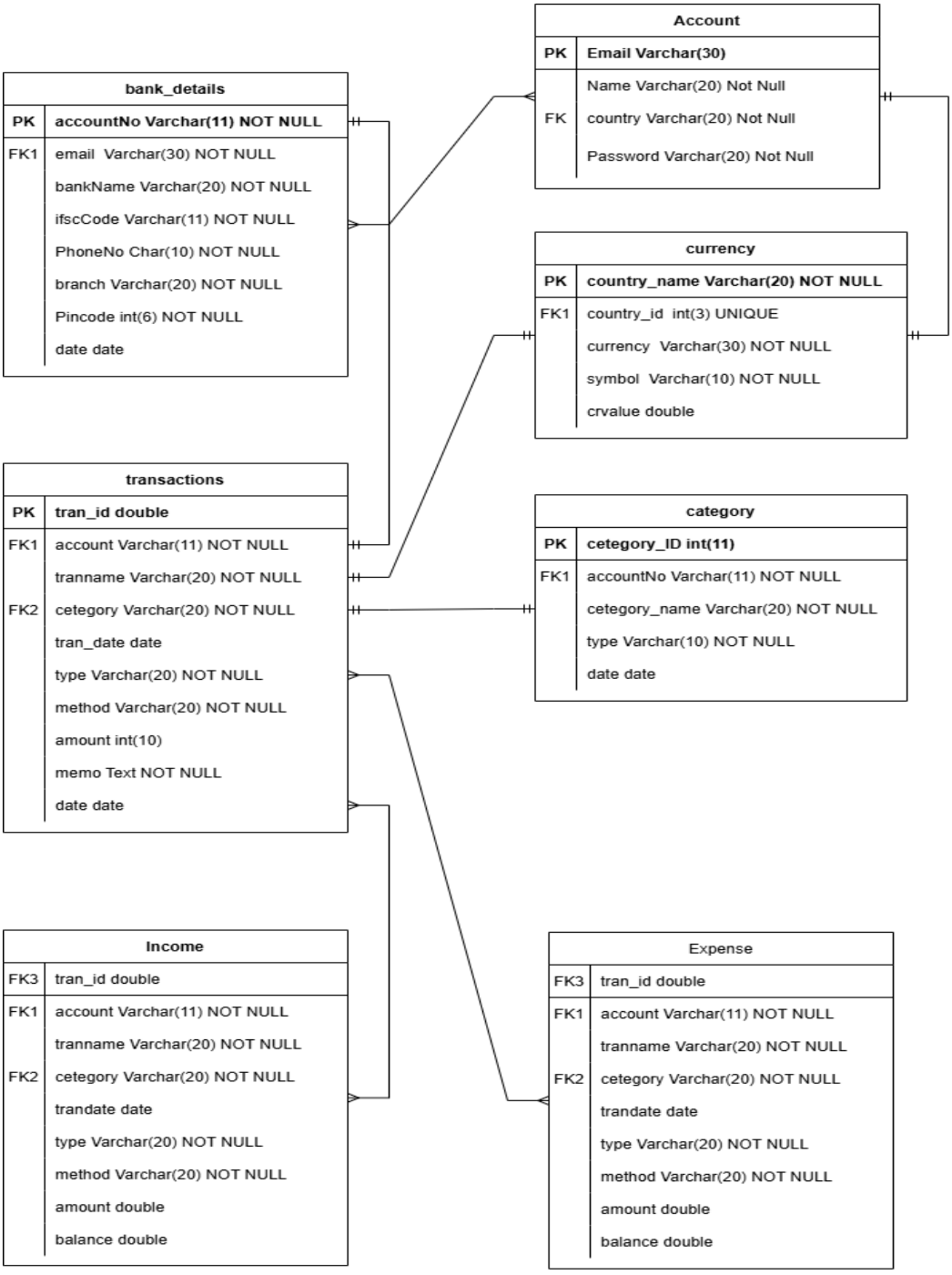
Sr. no.	Field Name	Type	Size	Constraints	Description
1	account	Varchar	20	Not Null	Account Number (Reference Account (accountNo))
2	tran_id	Double	-	Primary Key	Transaction ID
3	tranname	Varchar	20	Not Null	Transaction Name
4	category	Varchar	20	Not Null	Category of Transaction (Reference Category (category_name))
5	type	Varchar	20	Not Null	Transaction Type (Income / Expense)
6	method	Varchar	20	Not Null	Payment Method
7	tran_date	date	-	-	Transaction date
8	amount	double	-	-	Transaction Amount
9	balance	double	-	-	Balance

1.2. ER DIAGRAM

- An ER (Entity-Relationship) diagram is a visual representation of the entities (objects, concepts, or things) in a system and the relationships between them. It is often used in database design to help structure data and its interactions.
  Here's an overview of the components in an ER diagram:

  - **Entities**: These are objects or concepts that have data stored about them.
  - **Attributes**: These are the properties or details that describe an entity.
  - **Relationships**: These represent the associations between entities.
  - **Primary Key**: This is an attribute that uniquely identifies an entity.
  - **Foreign Key**: An attribute in one entity that links it to another entity, establishing a relationship.
  - **Cardinality**: This describes the number of instances of one entity related to the number of instances of another entity (One-to-One, One-to-Many, Many-to-Many, Many-to-One).

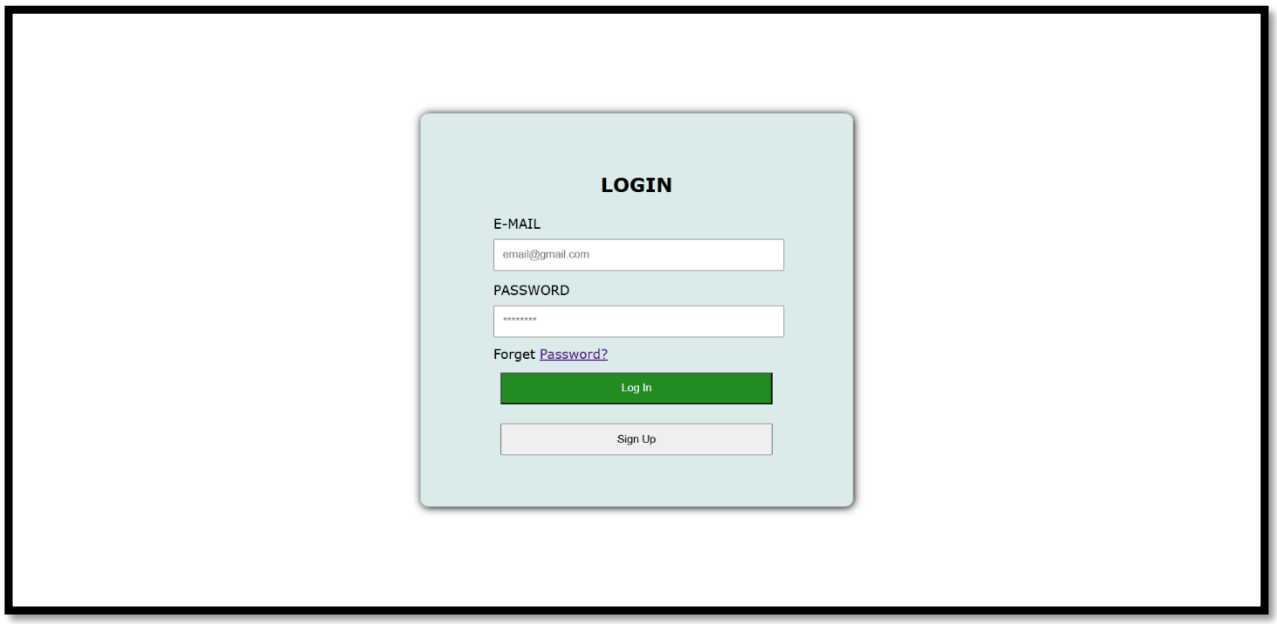
MASTER BUDGET



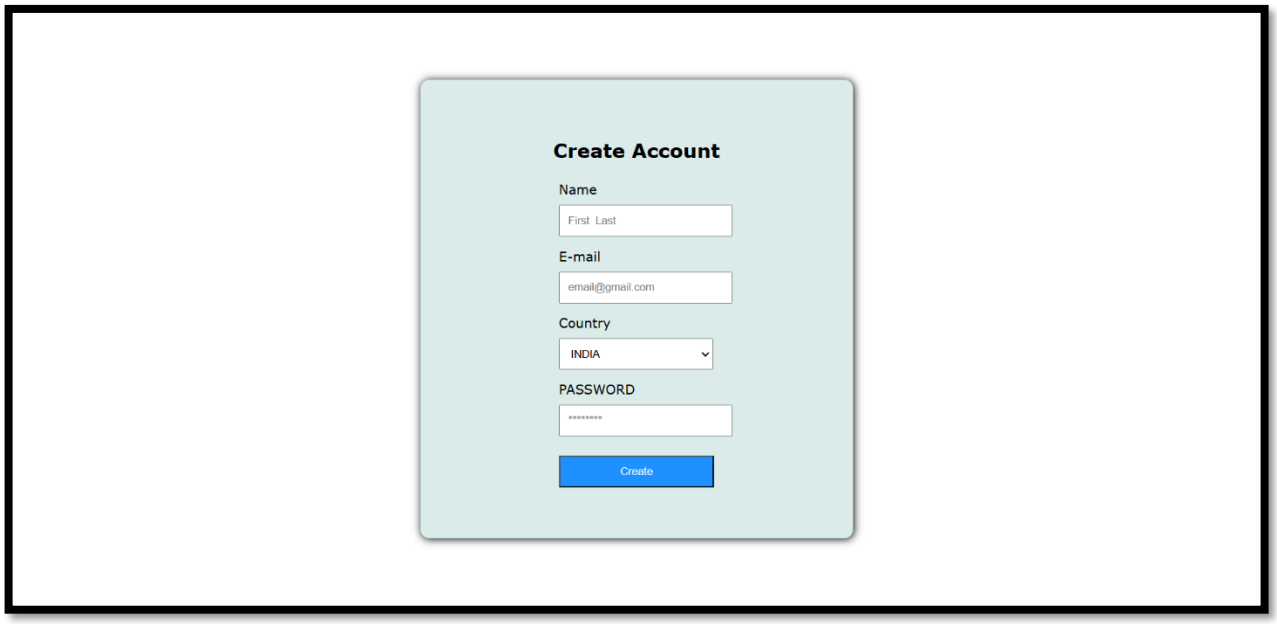
2. SCREEN LAYOUT

- Here some Screen Layout which are use into the System**.**
  - Index Page
  - Login Page
  - Sign Up Page
  - Forget Password Page

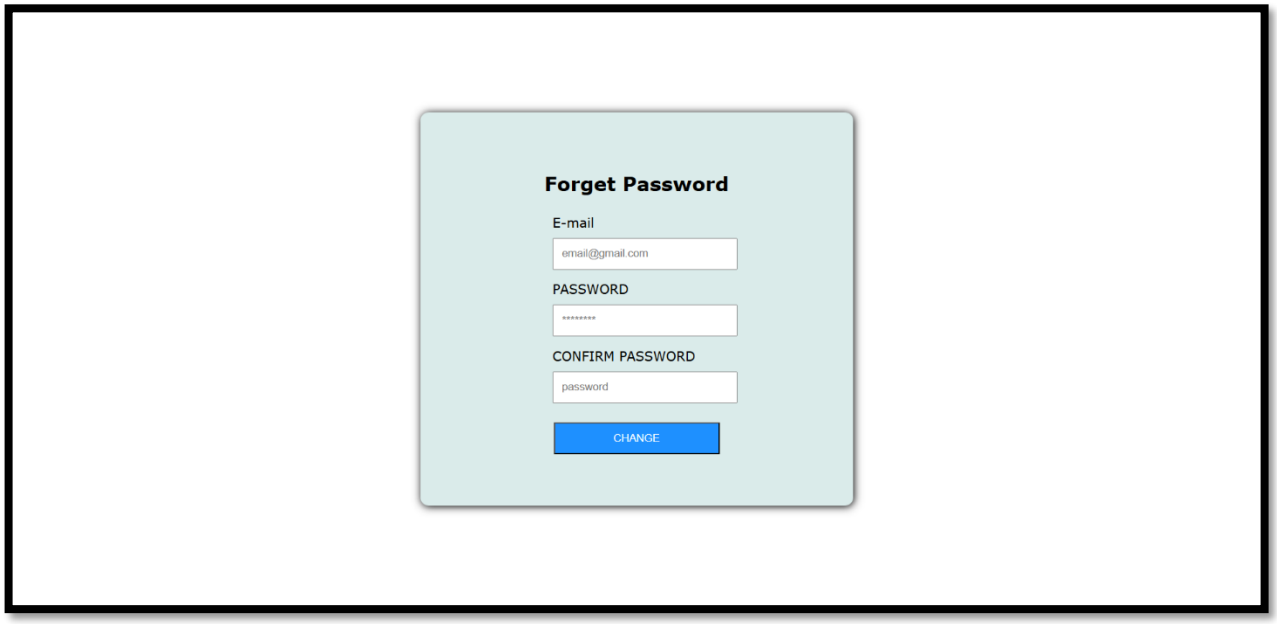
2.1. Login Page



2.2. Sign Up Page



2.3.Forget Password Page



2.4. Index Page