

DataBase :

FD_NO	Account_No	Customer_Name	FD_Plan	FD_Amount	Interest_Rate
53545756	53545756	ram	RP	2000000	12.99
53545757	63546157	krishna	RP	4045000	12.99
53545758	23585458	indra	TPJ	6800000	11.99
53545759	53595759	surya	RP	3003900	12.99
53545760	53525760	sankar	RPJ	8230060	11.99
53545761	33543461	budha	TP	1099900	13.99
53545762	53545862	ram	TP	7639900	13.99
53545763	83545763	chandra	RP	3433400	12.99
53545764	13545364	indra	RP	2000000	12.99
53545765	23545765	budha	RP	4098000	12.99
53545758	23545987	vishnu	TPJ	4098000	11.99
53545760	83545763	chandra	RPJ	3433400	11.99

Note

RP	Reinvestment Plan
TP	Traditional plan
RPJ	Reinvestment Plan Joint
TPJ	Traditional plan Joint

## Create SOAP Web Service Requirement:

Loan Account No i.e "FD\_No" and "Account\_no" in database should be the primary key.

### Operation 1: retrieveFDAccountDetailsForOnePerson:

#### **Request:**

1. FD\_No
2. AccountNo

#### **Response:**

Retrieve all the details

### Operation 2: retrieveJointFDDetails

#### **Request:**

1. FDNo

#### **Response:**

1. FDNo
2. Customer\*
  - a. CustomerAccountNo
  - b. CustomerName
  - c. FDAmount
3. TotalFDAmount

#### **Example:**

In Joint FD, will have two customers so please retrieve two customer details along with Total FD Amount.

Total FD Amount = FD Amount of customer1 + FD Amount Of Customer2

### Operation 3: calculate Matured FD

This case is for both Joint and single FD Holders

**Request:**

1. FDNo
2. MaturityPeriod (In Months)

**Response:**

1. FDNo
2. Customer\*
  - a. CustomerAccountNo
  - b. CustomerName
  - c. MaturedFDAmountOfCustomer
3. TotalMaturedAmount (Only for Joint FD)

**MaturedFDAmountOfCustomer** =  $FD\_Amount + (FD\_Amount * InterestRate * MaturityPeriod)$

In case of Joint FDNo then calculate **MaturedFDAmountOfCustomer** for two customers separately and sum-up

**TotalMaturedAmount** = MaturedFDAmountOfCustomer1 + MaturedFDAmountOfCustomer2 etc....