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: retrieveFDAcountDetailsForOnePerson:**

**Request:**

1. FD\_No
2. AccountNo

**Response:**

Retrieve all the details

**Operation 2: retrieveJointFDDetails**

**Request:**

1. FDNo

**Response:**

1. FDNo
2. Customer\*
3. CustomerAccountNo
4. CustomerName
5. FDAmount
6. 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: cacluateMaturedFD**

**This case is for both Joint and single FD Holders**

**Request**:

1. FDNo

2. MaturityPeriod (In Months)

**Response**:

1. FDNo

2. Customer\*

1. CustomerAccountNo
2. CustomerName
3. 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.…