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| ENTITY | ATTRIBUTE | PRIMARY KEY | FOREIGN KEY | TYPE | CONSTRAINS |
| USER PROFILE |  | Account Number |  | STRING | NOT NULL |
|  | U\_Name | Email ID |  | INT | NOT NULL, UNIQUE |
|  | U\_Email |  |  | STRING | NOT NULL, UNIQUE |
|  | U\_Number |  |  | DECIMAL |  |
|  | Account Number |  |  | INT | NOT NULL, UNIQUE |
|  | Expense |  |  | INT |  |
|  |  |  |  |  |  |
| ACCOUNT | Account Type | Loan Number | Account Number | STRING | NOT NULL |
|  | Balance | EMI Number |  | DECIMAL |  |
|  | Loan Number |  |  | INT |  |
|  | EMI Number |  |  | INT |  |
|  |  |  |  |  |  |
| EXPENSE | Expense Date | Item ID |  | DATE |  |
|  | Amount |  |  | DECIMAL |  |
|  | Category |  |  | STRING |  |
|  | Item Name |  |  | STRING |  |
|  | Item ID |  |  | STRING |  |
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| Loan | Loan Number | Loan Number | Account Number | INT |  |
|  | Loan Amount |  |  | DECIMAL |  |
|  | Start Date |  |  | DATE |  |
|  | End Date |  |  | DATE |  |
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