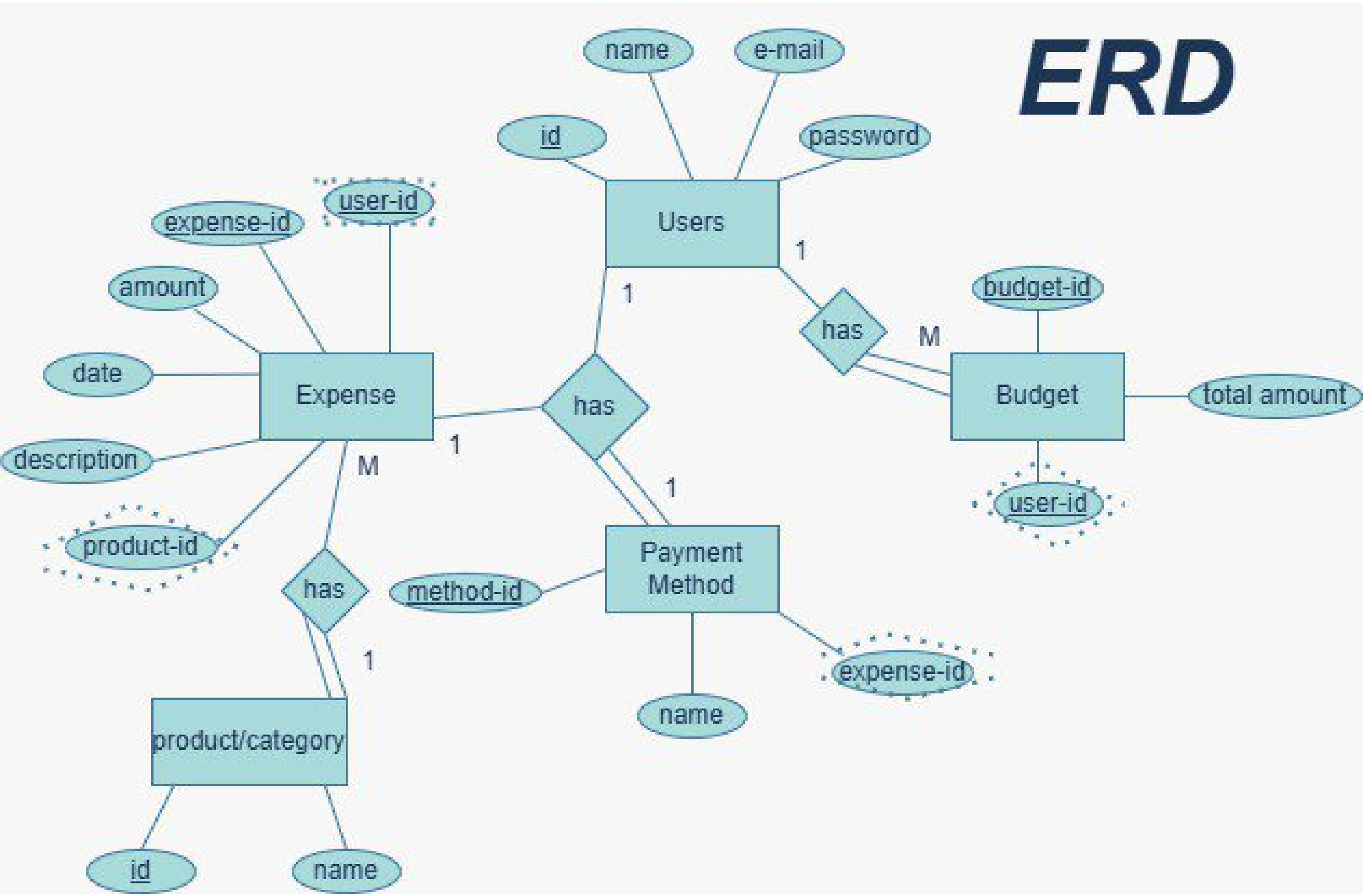
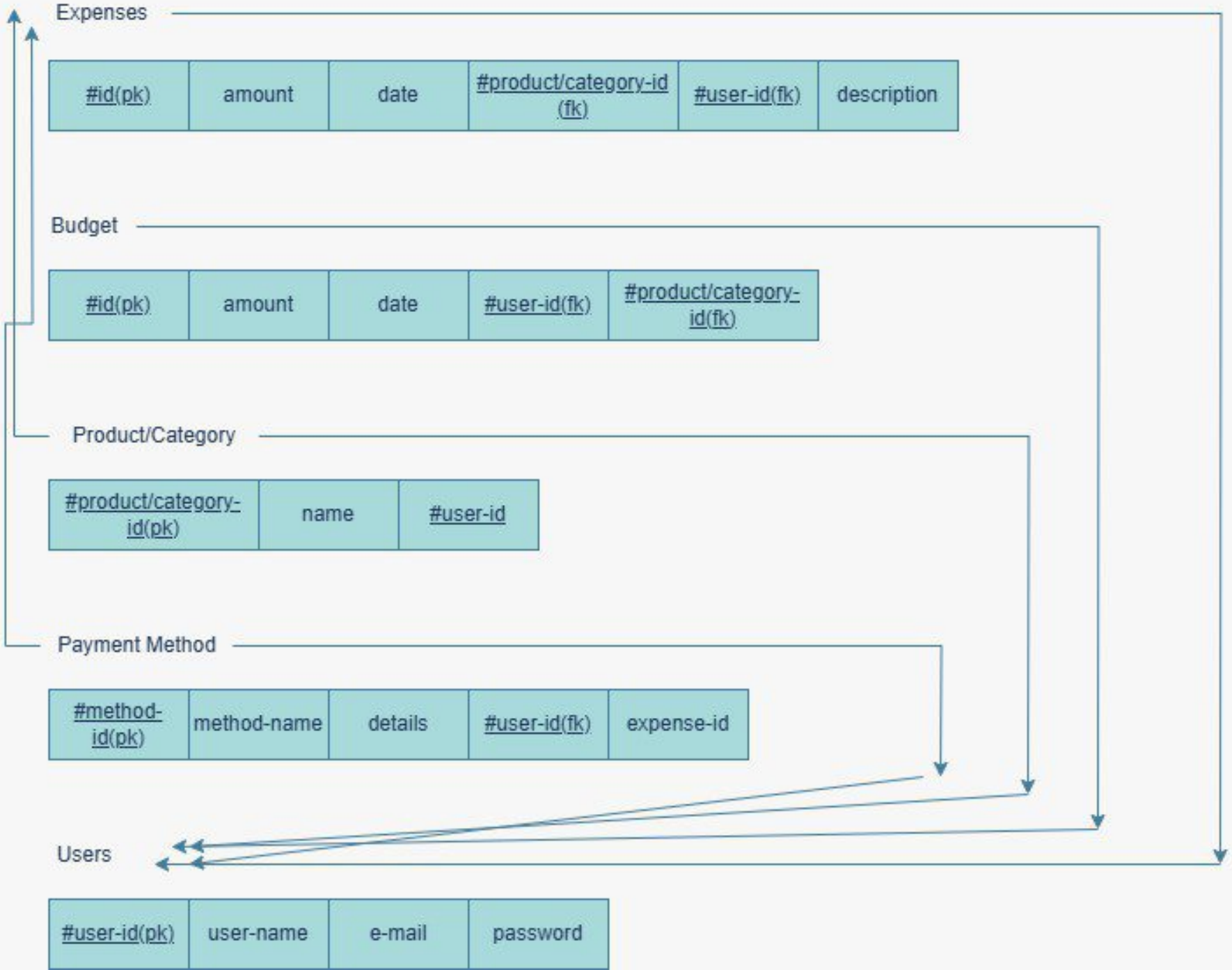
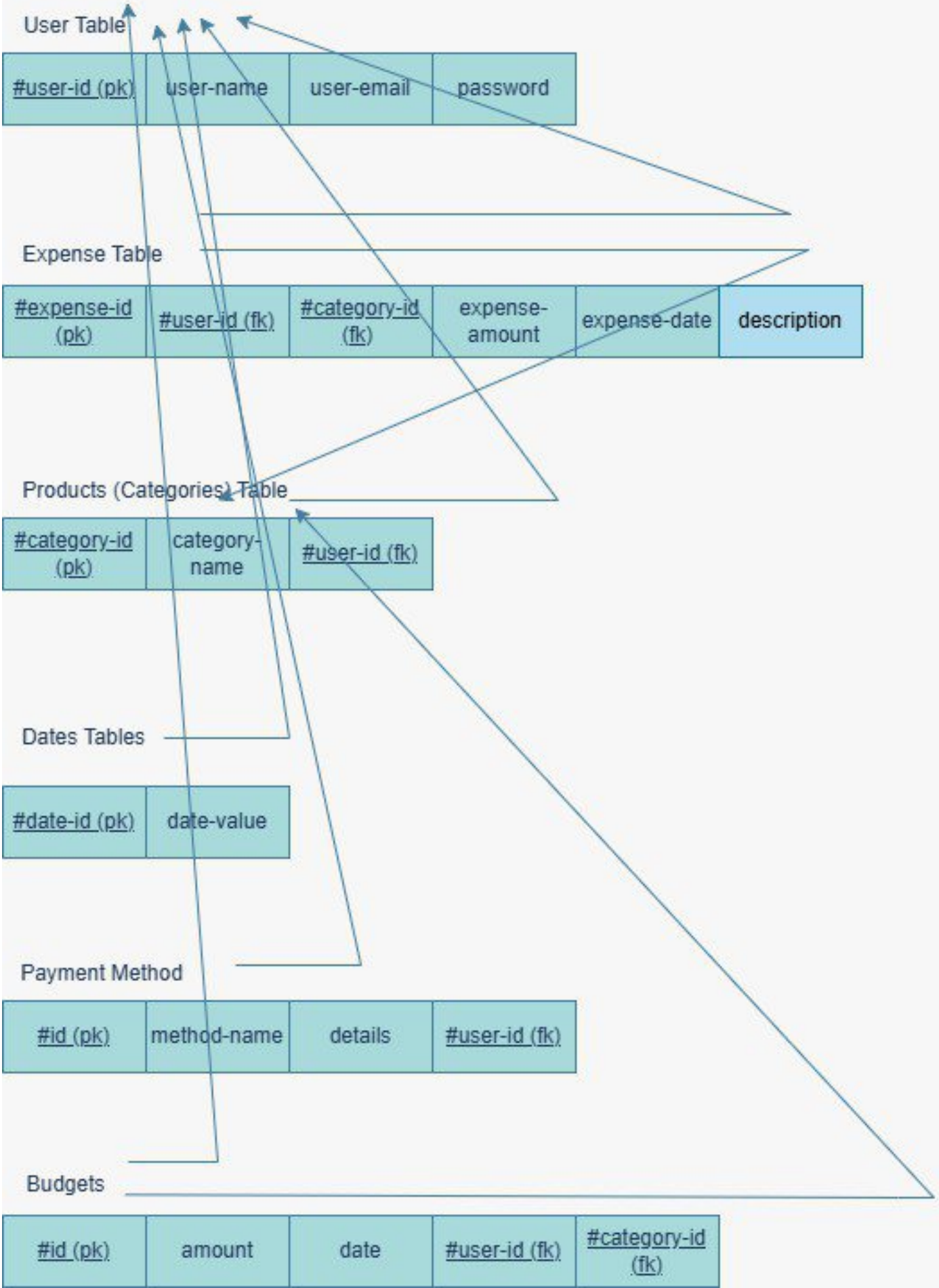

ERD
name
e-mail
id
password
Users
user-id
expense-id
amount
date
Expense
description
product-id
has
1
M
1
1
has
M
budget-id
Budget
total amount
user-id
1
Payment Method
method-id
expense-id
name
has
1
product/category
id
name

Mapping


Expenses
#id(pk)
amount
date
#product/category-id (fk)
#user-id(fk)
description
Budget
#id(pk)
amount
date
#user-id(fk)
#product/category-id(fk)
Product/Category
#product/category-id(pk)
name
#user-id
Payment Method
#method-id(pk)
method-name
details
#user-id(fk)
expense-id
Users
#user-id(pk)
user-name
e-mail
password

Normalization