

```

package com.example.et5;

import android.app.Application;
import androidx.lifecycle.LiveData;
import java.util.List;

public class ExpenseRepository {

    private ExpenseDao expenseDao;

    private LiveData<List<Expense>> allExpenses;

    private LiveData<Double> totalAmount;

    private LiveData<Integer> expenseCount;

    public ExpenseRepository(Application application) {

        ExpenseDatabase database = ExpenseDatabase.getInstance(application);

        expenseDao = database.expenseDao();

        allExpenses = expenseDao.getAllExpenses();

        totalAmount = expenseDao.getTotalAmount();

        expenseCount = expenseDao.getExpenseCount();

    }

    public LiveData<List<Expense>> getAllExpenses() { return allExpenses; }

    public LiveData<Double> getTotalAmount() { return totalAmount; }

    public LiveData<Integer> getExpenseCount() { return expenseCount; }


    public void insert(Expense expense) {

        new Thread(() -> expenseDao.insert(expense)).start();

    }


    public void delete(Expense expense) {

        new Thread(() -> expenseDao.delete(expense)).start();

    }

}

```