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#include <iostream>
#include "RecordSet.h"
namespace sdds {

    RecordSet::RecordSet() {
        m_string = nullptr;
        m_string_count = 0;
    }

    RecordSet::~RecordSet() {
        delete[] m_string;
        m_string = nullptr;
    }

    RecordSet::RecordSet(const RecordSet &src) {
        *this = src;
    }

    RecordSet &RecordSet::operator=(const RecordSet &src) {

        if(this != &src)
        {
            delete[] m_string;
            m_string = nullptr;
            m_string_count = src.m_string_count;
            m_string = new string[m_string_count];
            for(int i=0;i<m_string_count;i++)
            {
                m_string[i] = src.m_string[i];
            }
        }
        return *this;
    }

    size_t RecordSet::size() {
        return m_string_count;
    }

    string RecordSet::getRecord(size_t index) {
        if(m_string == nullptr)
        {
            return "";
        }
        else{

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        return m_string[index];
    }
}

RecordSet::RecordSet(char *File) {
    ifstream file(File);
    string temp;
    int i=0;
    while(!file.eof())
    {
        getline(file,temp,' ');
        i++;
    }
    m_string =new string[i];
    i=0;
    file.seekg(0);
    while(!file.eof())
    {
        getline(file,m_string[i],' ');
        i++;
    }
    m_string_count = i;
    file.close();
}

RecordSet::RecordSet(RecordSet&& src) noexcept {
    operator=(move(src));
}

RecordSet& RecordSet::operator=(RecordSet&& src) noexcept {
    if(this != &src)
    {
        m_string = src.m_string;
        src.m_string = nullptr;
        m_string_count = src.m_string_count;
        src.m_string_count = 0;
    }
    return *this;
}

}

```