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/****
 *
 * Implementation of change-input-errors.h.
 *
 */

#include "change-input-errors.h"
#include "std-macros.h"

#ifdef OLD_EXCEPTION_HANDLING
exception ChangeInputErrorsException;
#endif


ChangeInputErrors::ChangeInputErrors() {

    alerrstr = new String("A card of the given id is already in the rolodex.");
    nerrstr = new String("Card name must be <= 30 characters.");
    iderrstr = new String("Card id must be 9 digits.");
    aerrstr = new String("Card age must be >=0 and <= 200 characters.");
    serrstr = new String("Card sex must be \"m\" or \"f\"");
    aderrstr = new String("Card address must be <= 40 characters.");

    sl = new StrList();
    anyerrors = false;
}

void ChangeInputErrors::SetNotAlreadyThereError() {
    sl->Put(new StrListElem((String*) alerrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetIdenticalToExtantError() {
    sl->Put(new StrListElem((String*) identerrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetNameError() {
    sl->Put(new StrListElem((String*) nerrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetIdError() {
    sl->Put(new StrListElem((String*) iderrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetAgeError() {
    sl->Put(new StrListElem((String*) aerrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetSexError() {
    sl->Put(new StrListElem((String*) serrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::SetAddressError() {
    sl->Put(new StrListElem((String*) aderrstr->Copy(), (void*) NULL));
    anyerrors = true;
}

void ChangeInputErrors::Clear() {
    if (sl)
        delete sl;
    sl = new StrList();
    anyerrors = false;
}

StrList* ChangeInputErrors::GetErrorList() {
    return sl;
}

bool ChangeInputErrors::AnyErrors() {
    return anyerrors;
}
```