```
/****
 *
 * Class RolodexTool is the top-level model class for the simple rolodex system
 * described in the CSC 440 formal specification primer, q.v.  The rolodex tool
 * allows users to maintain a database of personal information cards.  Cards
 * contaion a person name, id, and other information.  The rolodex tool
 * provides operations to add, delete, change, and find cards.  It also has
 * standard file operations for new, open, save, save as, and print, as well as
 * standard edit operations for undo, redo, repeat, cut, copy, paste, delete,
 * and select all.
 *
 */

#ifndef roldextoolIncluded
#define roldextoolIncluded

#include "edit.h"
#include "file.h"
#include "model.h"
#include "rolodex-ui.h"
#include "rolodex.h"


class RolodexTool : public Model {

  public:

    RolodexTool(RolodexUI* rui = NULL);
    /*
     * Construct this with the given companion view.
     */

    ~RolodexTool();
    /*
     * Deep destruct this.
     */

    /**
     * Submodel access functions.
     */

    File* GetFile();
    /*
     * Return the File model.
     */

    Edit* GetEdit();
    /*
     * Return the Edit model.
     */

    Rolodex* GetRolodex();
    /*
     * Return the Rolodex model.
     */


  protected:
    File* f;            // File handling module
    Edit* e;            // Basic editing module
    Rolodex* r;         // The rolodex class, including its operations
};

#endif
```