CS 583 Project:
Twizzer

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1 Highlights

1. Easily extensible, by defining a new `Command` and adding it to `commands` list.

2. Simple and reliable authentication scheme by using underlying unix system.e.g. `availablecommands`.

3. Use of monadic computations such as in `seqn`, `printUsage`.

4. Extensive use of list operations such as `map` and `filter`.

5. Simple buddy assignment.

6. Use of read and show functions to write and read data types from/to files.

2 Planned but not implemented

1. Automatic e-mailing system. The system can use e-mail libraries to send e-mail to studnets.

2. Multiple twiz homeworks running parallel. The reafactored version (twizzer2.hs) has implementation for it.

3. GUI. We could add console gui for it that can reduce the need for typing in commands.

4. Under current assumption, the system handles a single course. It can be extended to support

5. multiple courses using `Course` data type.