CS32 project4 report

1. Unable to finish recommender.h and recommender.cpp’s movieDatabase’s get\_movies\_with\_director

get\_movies\_with\_actor function

For User, use vector<string> movie = {"a","b","c", "d"}; test case for user

// User me("haoyuluo","luohaoyu718@gmail.com", movie);

// cout << me.get\_full\_name() << endl;

// cout << me.get\_email() << endl;

// vector<string> copy = me.get\_watch\_history();

// for (int i = 0; i<copy.size(); i++){

// cout << copy[i] << endl;

// }

//}

For UserDatabase’s load and get\_user\_from\_email test: (change all movie’s member variable to user’s member variable)

This code also works for MovieDatabase’s load and get\_movies\_from\_Id test

MovieDatabase udb;

**if** (udb.load(USER\_DATAFILE)){cout << "Succeed to load user data file " << USER\_DATAFILE << "!" << endl;}

**for** (;;)

{

cout << "Enter user id (or quit): ";

string id;

getline(cin, id);

**if** (id == "quit")

**return** 0;

Movie\* u = udb.get\_movie\_from\_id(id);

**if** (u == **nullptr**)

cout << "No user in the database has that email address." << endl;

**else**

cout << "Found " << u->get\_id() << endl;

TreeMultimap<std::string, int> tmm;

// tmm.insert("carey", 5);

// tmm.insert("carey", 6);

// tmm.insert("carey", 7);

// tmm.insert("david", 25);

// tmm.insert("david", 425);

// TreeMultimap<std::string,int>::Iterator it = tmm.find("carey"); // prints 5, 6, and 7 in some order

// while (it.is\_valid()) {

// std::cout << it.get\_value() << std::endl;

// it.advance();

// }

// it = tmm.find("laura");

// if (!it.is\_valid())

// std::cout << "laura is not in the multimap!\n";

TThThe code above is used to test treemm.

The movie’s class test case is similar to user’s test case, just create a bunch of object and call their member-access function.

}

}