

Muhammad Hussam

Data Structures HW 7 / final project

↓ Create _____ Database();

Ask for file name

open file, create ↓

insert records into ↓

use BST in ↓

Thespian CSV → Thespian Record objects → BST object → Thespian Database object

Pictures CSV → Pictures Record objects → BST object → Pictures Database object

Nominations CSV → Nominations Record object → BST object → Nominations Database object

objects required →

Thespian Record
Picture Record

Nominations Record

template →
for all 3
record types

BST → called myBST

Thespian Database

~~Pictures~~ Pictures Database

Nominations Database

Functions Required

Create _____ Record();

MyBST.insert(); for each record for each BST

_____ Database.setBST(MyBST * NewBST);

→ This function makes it so the BST in any database can be changed. For example, we can make a new BST sorted in a new order, delete the old BST, and then set the database's BST to the new BST