Team 1

Test Demonstration Plan

1. Insert Synonym

- (N) show indented hash list and point out that Toy Story is a synonym in index 45

- (R) remove Toy Story

- (I) insert Toy Story (1995, Animation, 8.3)

- (N) show indented hash list with Toy Story correctly placed in linked list of index 45

2. Insert Duplicate

- (I) Toy Story, results in error message

3. Remove Item Not in Database

- (R) Toy Story 2, not in database, results in error message

4. Insert New Item

- (I) Toy Story 2 (1999, Animation, 7.9)

5. Search Item

- (S) Toy Story 2

6. Print Sorted List

- (P)

7. Remove Item (No Child)

- (B) show indented BST, point out ‘Spirited Away’ has no children

- (R) Spirited Away

- (B) show updated indented BST

8. Remove Item (One Child)

- (B) show indented BST, point out ‘The Jungle Book’ has one child

- (R) The Jungle Book’

- (B) show updated indented BST

8. Remove Item (Two Children)

- (B) show indented BST, point out ‘Avengers’ has two children

- (R) Avengers

- (B) show updated indented BST

9. Undo Remove

- (U) Undo remove Avengers

- (P) print sorted list and show that Avengers is still in database

10. Undo Remove

- (U) Undo remove The Jungle Book

- (P) print sorted list and show that The Jungle Book is still in database

11. Undo Remove

- (U) Undo remove Spirited Away

- (P) print sorted list and show that Spirited Away is still in database

12. Undo Remove

- (U) error message, nothing to undo

13. Show that you cannot Undo after Saving

- (R) Remove Toy Story

- (O) Save

- (U) error message, nothing to undo

14. Show Hash Stats

- (T) Stats

- (N) Print indented Hash to confirm

15. Show Menu

- (M) show menu

16. Show that Quit automatically saves

- (R) Toy Story 2

- (Q) Quit

- Show output file without Toy Story 2