

High Level View of Controller Portion

For MVC Project with
BBTicket class

By Kevin Harper

Read input file and
construct class objects

Run hashing algorithm
and place file objects
in hash table

NOTE: Flow chart does
not account for input
validation. User input
and file input have
validation to ensure
input is both valid type
and within reasonable
limits where appropriate

The flow diagram
also does not
represent the
precautions taken
when working the
with filestreams

Print Menu

Wait for
user input

Key: *Interactions
with the hashtable
(reading/writing)
accomplished with
nested for loops

Menu of
controller portion
implements a do
while loop with
four options

Check if user
entered 4

Yes

No

Write hashtable
entries to output file

1

Act on user input

3

*Map date to its equivalent hash
then push the class object back
in hashtable array slot

2

*Find and print
matched
entries

*Print all entries
in the hash table

End execution

