CSE 460 Programming Assignment

Software Engineering Concentration

Computer Science Program

Arizona State University, Tempe, AZ

Posting ID: 7702-087

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**Assumptions**

1. Class Diagrams

Description

1. Sequence Diagrams

Description

1. State Machine Diagrams

Description

1. Readme

**Main Class:**

* MainClass.Java

**Other relevant files:**

* Event.java
* EventNotification.java
* EventPool.java
* Post.java
* Publisher.java
* Subscriber.java
* ThreadInfo.java

**Miscellaneous Information:**

Please note that while the actual content of the code generated by Astah was not changed (Aside from commenting out return statements and such), I did format it slightly. Some comments caused the screen to sidescroll, so I split it up into multiple lines.

Also, Astah seems to generate code with opening curly braces at the end of a line. Since I prefer to have curly braces on their own line, I changed that to make it more readable to myself.

I would also like to note that with the specs given, there can only be a single subscriber, publisher, forum, and thread per name (for each). We can’t have two threads named “I need help,” for example, or two subscribers named “Bob Jones.”

Normally, I’d implement some kind of ID number system to work around this. However, the spec provides no way to differentiate between starting a second thread with the title “I need help” and posting in the old one. As such, IDs would be useless.

In short, the specs are to blame for the limited nature of this program, not the design.

Appendix

This section is for including any supporting material you may have.