**Project4 IPO chart and Algorithm**

**IPO Chart**

|  |  |  |
| --- | --- | --- |
| **Input** | **Process** | **Output** |
| menuOption | Prompt user for menuOption | Display event type, event manager, event rate |
|  | Calculate If else menuOption |  |
|  | IF menuOption C displays event type, manager Dustin Britt, event rate |  |
|  | ELSE IF menuOption p displays event type, manager Carmen Lindsey, event rate |  |
|  | ELSE Invalid option selected! |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Algorithm**

**import java.util.\*; //used for scanner**

**CLASS Main**

DECLARE INITIALIZE: CORP\_RATE, PRI\_RATE

**Main Method**

DECLARE new default Event object from Event class

DECLARE instantiating Scanner Object

DECLARE INITIALIZE menuOption

OUTPUT intro

OUTPUT menu

PROMPT user menuOption

GET menuOption

IF menuOption is C or c :

SET menuOption, eventMinRate

Display manager Dustin Britt, event type, event rate

ELSE IF menuOption is P or p:

SET menuOption, eventMinRate

Display manager Carmen Lindsey, event type, event rate

ELSE Display Invalid option selected!

END else

END else if

END if

OUTPUT goodbye message

**END of Main Method**

**END of CLASS Main**