

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