***Level 4 : Instance logs with roles – without repetition***

**/// Activities**: Write the name of each activity in a new line

**/// Instances:** Separate different instances by an empty line

**///** **Roles**: use the name of the role followed by “:” followed by the activities performed by the role

**/// Avoid repetition:** Use the “...” followed/preceded by the last common activity between the traces to avoid repetition of sequences of activities that have already been stated

**Two traces log – with a decision point split (bug in this example, if only the first trace is included it works, if both traces are included all the activities are assigned to the Head)**

Employee: Fill in the form

Mark the bills

Scan the bills

Send the dossier

Department Head: Check the costs

Check the description

Reject the request

...

Check the description

Accept the request

**Two traces log – with a decision split followed by merge (same problems as above)**

Employee: Fill in the form

Mark the bills

Scan the bills

Send the dossier

Department Head: Check the costs

Check the description

Reject the request

Inform about decision

...

Check the description

Accept the request

Inform about decision

**Three traces log – with a decision point followed by a loop (problems with the loop, but the roles work for some reasons)**

Employee: Fill in the form

Mark the bills

Scan the bills

Send the dossier

Department Head: Check the costs

Check the description

Reject the request

...

Check the description

Accept the request

...

Check the description

Send the dossier

...

**Three traces log – with a decision point followed by an activity and a loop (same problems as above)**

Employee: Fill in the form

Mark the bills

Scan the bills

Send the dossier

Department Head: Check the costs

Check the description

Reject the request

...

Check the description

Accept the request

...

Check the description

Employee: Edit the dossier

Send the dossier

...