R1 (id, classid, gender, manager, salary)

R2(id, name)

R3(name, age)

To show if it is loss-less join or not

 $R1 \cap R2 \rightarrow R2$

 \Rightarrow id \Rightarrow (id, name) which is true as id \Rightarrow name is present in F+.

 $R2 \cap R3 \rightarrow R3$

 \Rightarrow name \Rightarrow (name, age) which is true as name \Rightarrow age is present in F+.

 $R1 \cap R3 \rightarrow R3$

 $R1 \cap R3$ is a null set. Thus, $R1 \cap R3 \rightarrow R3$ or $R1 \cap R3 \rightarrow R1$ do not follow.

Thus, the decomposition is not loss-less join.