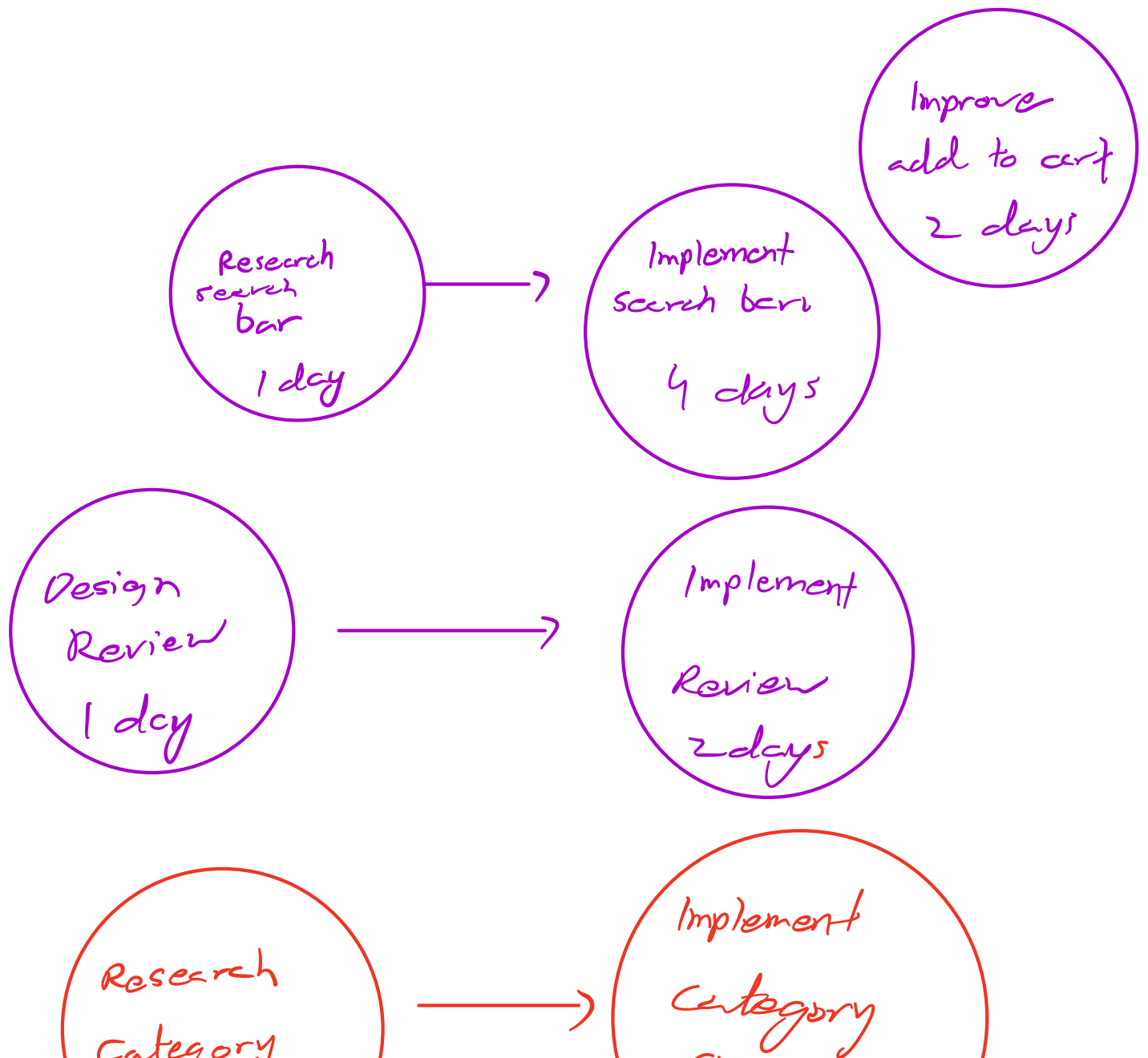


Task Id	Task description	Duration in Days	Dependencies
A	Research search bar	1	None
B	Implement search bar	3	A
C	Design review feature	1	None
D	Implement review feature	2	C
E	Improve add-to-cart feature	2	None
F	Research category filter	1	None
G	Implement category filter	4	F



filter
1 day

Critical path :

$A \rightarrow B$

Duration $= 1 + 4 = 5 \text{ days}$

Since each task are divided evenly and the max critical path takes 5 days sprint should be done in 5 days.

Task G was not completed due to team member being sick. To prevent this from happening in the future we should add two people in each task.