User study: model 4

Allotted time: 10min**

Task 1:

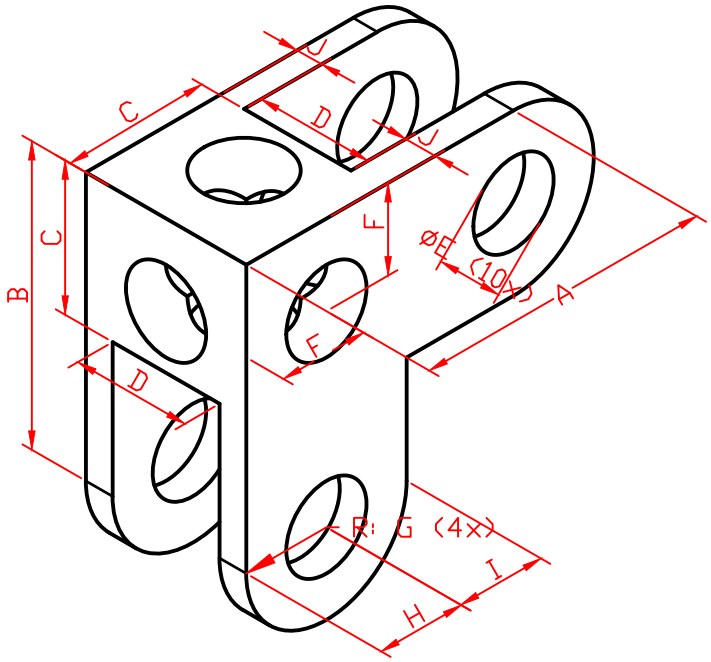
Please add constraints and parametric behavior to the model to ensure the model behaves as specified when the variable dimension(s) take any valid value between the specified bounds

Variable dimension(s):

1. A is a value that can change between 50mm and 100mm*

Specifications:

1. B = A
2. C = $\frac{1}{2}$ A
3. D = $\frac{1}{4}$ A
4. E = $\frac{1}{4}$ A (Ø) (10x)
5. F = $\frac{1}{4}$ A
6. G = $\frac{1}{4}$ A (R) (4x)
7. H = I = $\frac{1}{2}$ C (4x)
8. All edges that are horizontal should remain horizontal at any value of A
9. All edges that are vertical should remain vertical at any valid value of A
10. All angles should remain the same at any value of A



Task 2:

Please ensure the resulting model (i.e. all the sketches) are fully defined.

Although it is not necessary to delete constraints and/or dimensions that are currently present in the model, you are allowed to do so if desired.

*You **do not** have to enforce these limits on the design, but you have to ensure the model behaves as specified within these bounds

** You are given 10 minutes to complete this task. If the allotted time elapses before you finished the task, you will be automatically moved to the next task.