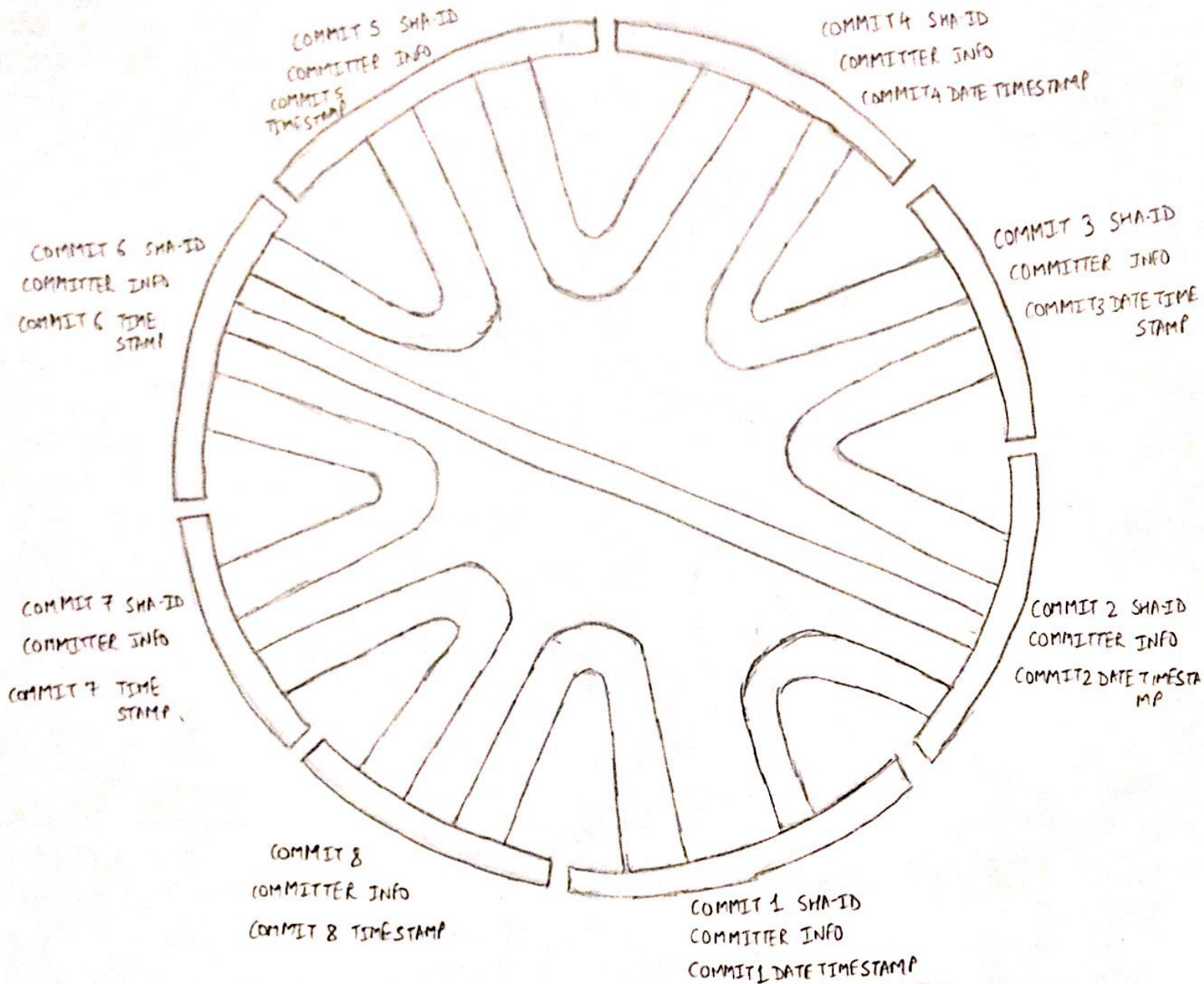


## GITHUB COMMIT DATA BASED ON CHORD DIAGRAM (LAYOUT)



### DESIGN DECISION

- ① THE CHORD DIAGRAM BASED ON CHORD LAYOUT IS INTERACTIVE
- ② THE CHORD DIAGRAM RESPONSE TIME IS VERY LESS AS COMPARED TO STATIC GRAPH FOR MORE THAN 100 COMMIT POINTS
- ③ THE CHORD DIAGRAM SHOWS DIRECTED EDGES. EACH EDGE REPRESENTS ITS PARENT COMMIT POINT. EACH COMMIT MAY REPRESENT MORE THAN ONE PARENT.
- ④ COMMIT 2 IS THE CHILD OF COMMIT 1 & COMMIT 6. THE INTERACTIVE DIRECTED EDGE MAKES IT EASIER TO TRACK THE RELATIONSHIP. ALSO THE CHORD DIAGRAM CAN HANDLE ANY # OF COMMIT POINTS & CAN SHOW ITS PARENTS/CHILDS AS COMPARED TO STATIC GRAPH OF PROBLEM 2.