Evaluation 3

The data structure under consideration us a reversed link list data-structure, uliere each mode has data and a pointer to the previous node. Seell a data-structure is used in blockchains. 1. Standard pointer. Implementation: Fach node stores data and a link to the previous node. Fourte Contra di-1 di diti Mi-l Mo Mit 2. Hash pointer Implementation: tach node of stores data, link to the previous node and a hash of the previous vode. di-1 8ni-2 8ni-1 Ri-2 8ni-1

3. Hack and eigh pointer Implementation Each usole storee data, link to previous node, a bash of previous node and a digital signature of the data, link and lash of by the owner of that node. ditl di Enjo -2n;-14 2005 - & no - 2 4 h: hi-1 Ai-2 10 Tia) Advantages of hersh pointer. Each of the modes conteiners hash of the previous block's data. So if the data is modified by anyone they will begre to have to replace all last nodes after the modified mode. b) Advantages of bash and sign pointh more seeure scheme against mutability. Signature come with each node means that if a node is modified, the signature would have to niatch along with the Signature and hash of all the following Mode,