Project Design Phase-1
Proposed Solution

Date	30 October,2023
Team ID	NM2023TMID00434
Project Name	Project: Ethereum Decentralised Identity Smart Contract
Maximum marks	4 mark

Proposed Solution:

Project team shall fill the following information in proposed Solution template.

S.No	Parameter	Description
1	Identity Struct	Represents the basic information associated with an identity, including the Ethereum address of the owner and a name.
2	identities Mapping	Links Ethereum addresses to their corresponding identities
3	Create Identity Function	Allows users to create a new identity by providing a name. Checks whether the identity already exists before creating a new one.

4	Update Identity Function	Allows identity owners to update the associated name.
5	Get Identity Function	Allows anyone to query the details of a specific identity using its Ethereum address.