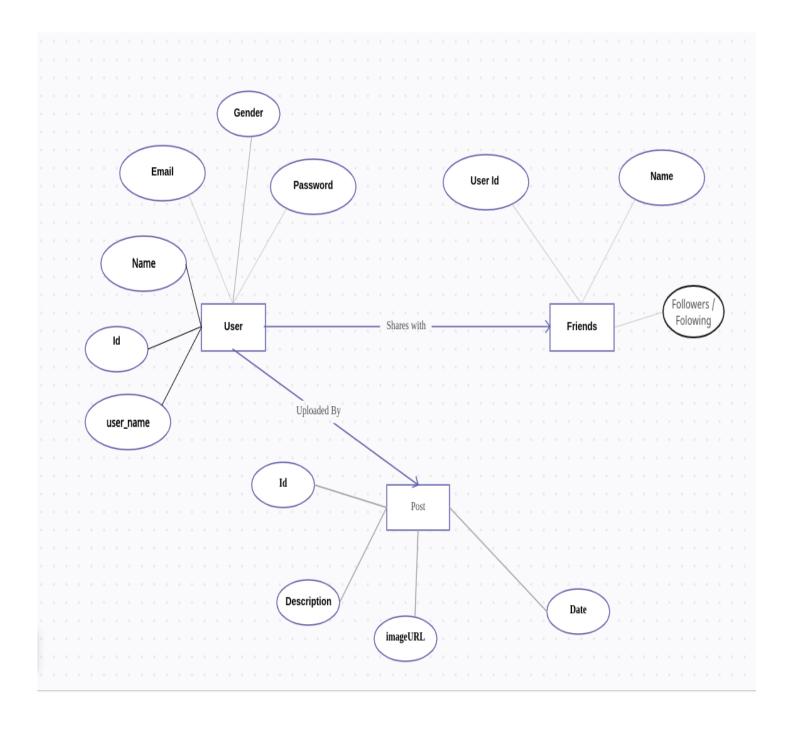
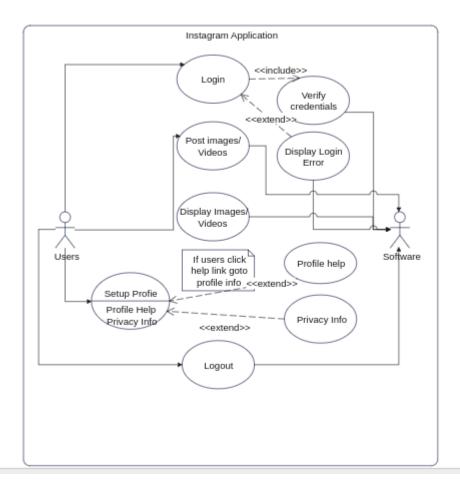
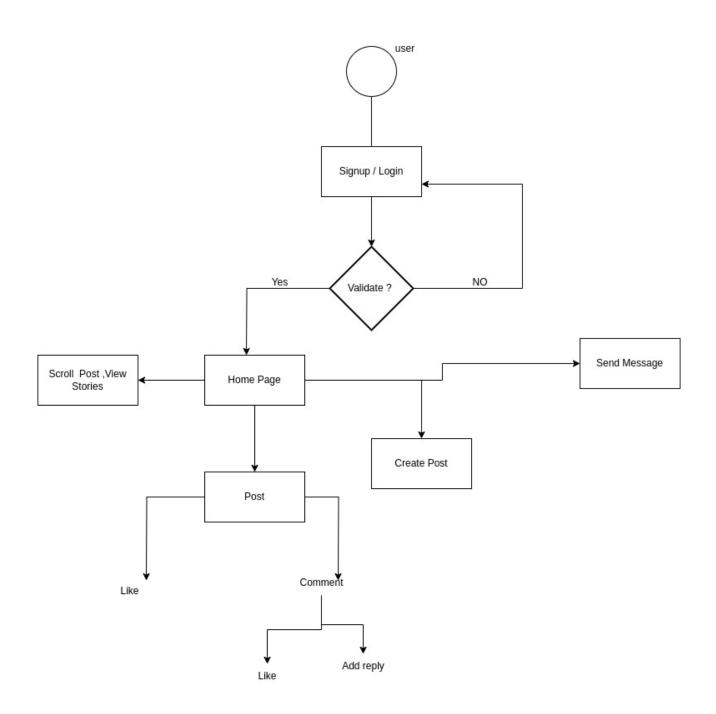
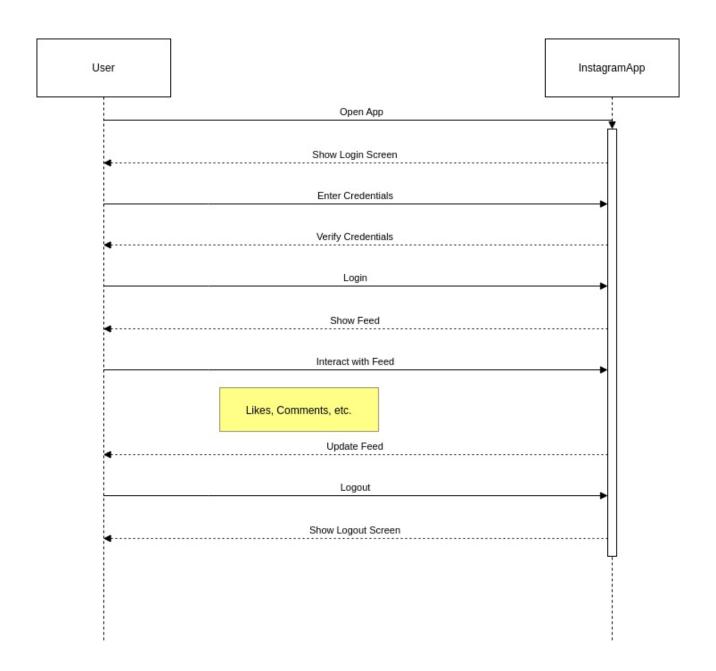
## 1) ER Diagram -----







## 4) Sequence Diagram



## 5) Class Diagram -----

