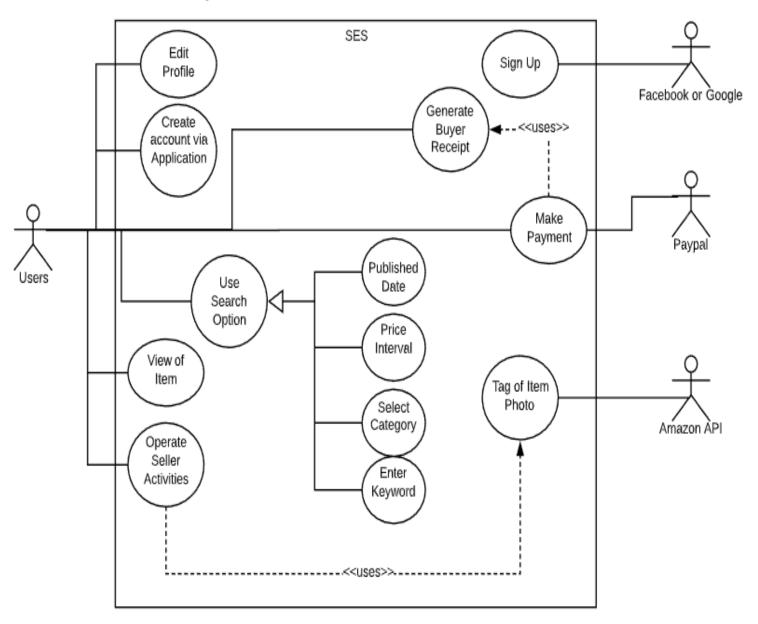
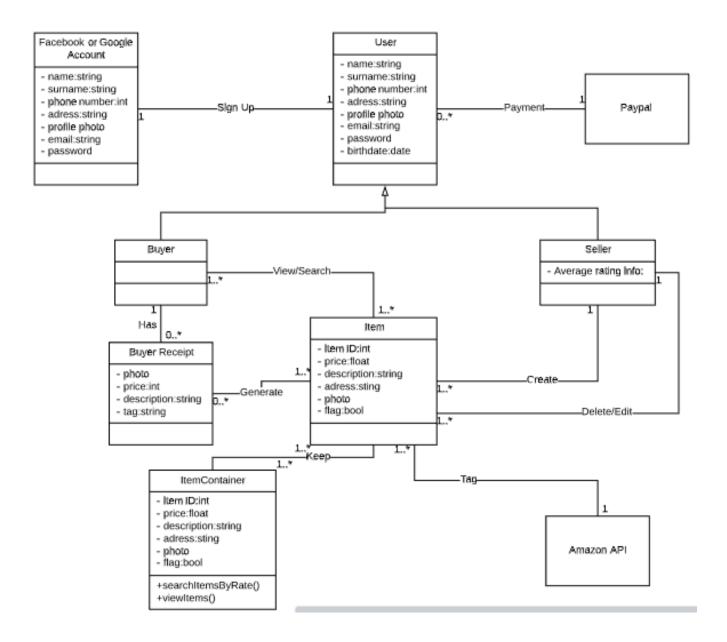
## a) Use Case Diagram



## b) Class Diagram



## c) Sequence Diagram

