HOMOGENIZATION
Homegenization in software development is course for mantalning consistency, clasity, and correct accross a system.
for maniaturing consistency, clasity, and correct
accross a system.
Following elements are involved in homogenization
1. Combining Class:
-> To merge classes with overlapping responsiblisher and avoid redundance
and avoid redundancy.
-> Examine the purpose attributes and a si
Framine the purpose, attributes and functions of Similar Classes
> 9 dentify eynonyms and consolidate classes performing identical tasks
-> Align class names with wat
-> Align class names with customer terminology for classity.
Emmada: Class Cont
customer details & have similar attributes (Norma). Funcil, Address). Then merge H.
Finail, Address). Then mesas &
Finail, Address). Then merge them into a single
a. Splitting Classes 8
-> Ensure each class adheses to single sesponsibility
principle principle
Enample: Shidentage class boundles spiles
Page No. Spiles

Enample:

La Seg diag shows Customer interacting with Payment Gateway for online payments.

Upon walkthrough?

1. Reflexive relationship is missed &

Paymentgateway interacts with its Internal Fraud Checker object.

6. Event Tracing:

-> Validate each message in the seq/collab diag

- 9n seq diag, OrderManager sends validatelore to order validation

· Verity:

1. OrderManager has a validate Order () oper defined

2. Order Validator has a validate Order () method

to recieve & process the message.

3. An association class exists blow Order Many and Order Validator in the Class Diagrami