## J S MEGHANA, 6A 1BM18CS039

## Lab Exercise-3

- 1. Develop a problem statement for Stocks (Inventory) Maintenance System
- 2. Develop a complete IEEE standard SRS document with several requirements.
- 3. Draw appropriate class diagram.

(The class diagram shall also include delegation approaches (composition) in order to overcome the problems associated with multiple inheritance)

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100	Broblem Statement:
les .	diele to backen lange it will
	Nock Maintenance Systems main
	purpose is to manage the stocks
	which are pushafed and bought from
1 30000	different of dealers & Suppliers.
	undating the stocks by adding or
	Stock Maintenance Systems main purpose is to manage the Stocks which are purchased and bought from different of dealers of Suppliers, updating the Stocks by adding or semoving the items. Then calculation of
	Sales of tuen over amount.
	5) The class " executed" carlains
beter	come, Top addicipling parce at all
less	SRS/ Reglinfetolets:
	Later and to last an horselited
	SRS Document:
	by the class " Mapping Cast" Cortain
tilan	Contiling product to product on
1)	The class diagram "Employee" has
	The table of any table table
	Id name, contact info, address, job
	accuption, date of joining, Salary, date of buth
	Id, name, contact info, address, job description, date of joining. Salary, date of buth email address x as attributes  Job - bith, job - Id
	Job-bittle, job- Id
	ald employee, delete employee,
2 - 17 - 1	add employer, delete employer, update employer st view employer as
	apare and
	Operations.
	I To filling adductor the
1	1 1 Custoner" has
2)	The dass diagram "Customer" has Customer Id, Customer Name,
i mi	Customer Id, + how box Customer -
	customer Contact number, Customer -
	address, customer consil address,

-	allibritis.
	add customer, semove customer, updated View customer as operations.
3)	De The class diagram "Dealure" Contains
Said.	
	Augotier Id, name, contact number, address, email Id, as attributes.
	address, email Id, as attribules.
Line	add, delete, view, update as operati-
4)	The class diagram "Suppliere" contains
JULY	Id, name, email Id, address, contact no, as alleibrates.
- Albertages	
	add, delete, update, view as operations.
5)	The class diagram "Stocks" contains.
	Stock-Id description, name out
	Stock-Id, description, name, number, item of albertus.
	add, delete, View, update as operations.
	of vices, vices, apare as operations.

Jhe class diagram "Payment" contains

Id, amount, description, date, employer,
customer dealer as altributes.

add, delete, update of View as Operations.

Id, description, number, type ilim as attributes.

add, delete, update, View as operations.

8) The class diagram "Login" Contains

usuname / Id, password, of attributes
as attributes.

Reset, outher ticate as Operations.

