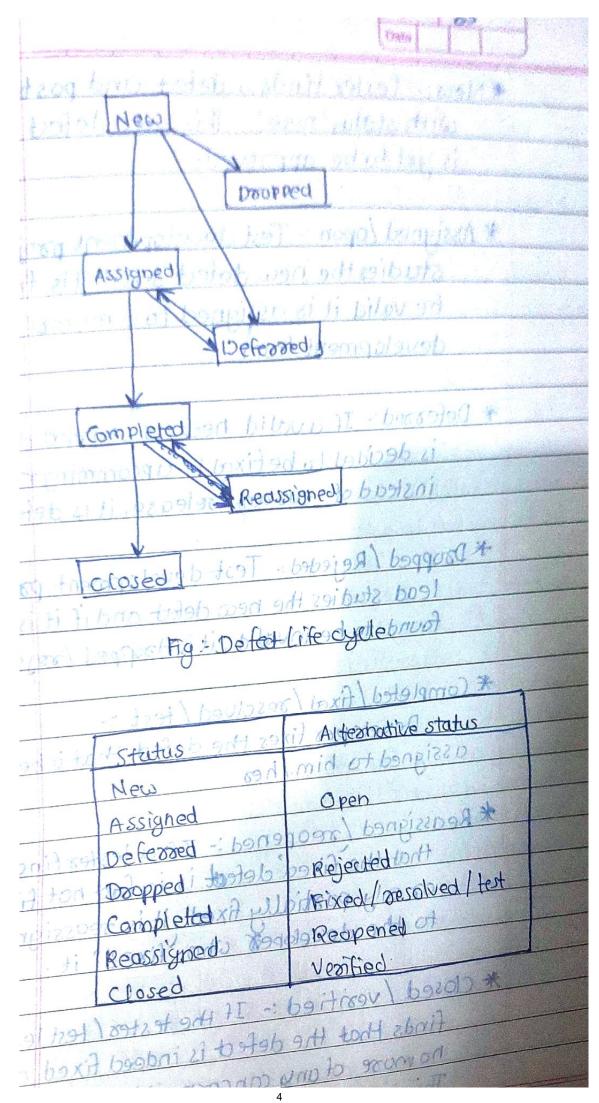
## Priga No. 5) Defect Management Introduction is well-because it 5.1 Defect classification: There one various ways to classify a defect and following one the major classification Severity wise inproved william the @ Major: - A defect, which will cause on observable product faliure or departure from requirements O Minor: - A defect that will not cause a fallivor had in execution of the product Patal = Aidefeet that will cause the system to crash or dose absuptly or effect other applications. Work product wise: o SSD: - A defect from System Study Document O FSD:- A defect from Functional Specifican Document O ADD: A defect from Architectural Design Document o DDD: - A defect from Detailed Design Document o Source code: - A defect from source code o Test Plan / Test Cases: - A defect from Test Plan Test cases O Wer Downentation :- A defect from was manuals operating manuals.

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Type of error wice - 1111			
o Comment o Computational Exxus			
o Data essas o Datapare essas			
o Missing design			
o Inadequate or sub optimal design			
o In correct design o Ambiguous design			
o Boundary Conditions neglected			
O Interface EDDOD O LOGICEDDOD			
O Wellage Essor O Movigation Essos			
a Perframatice error o Missing Requirements			
o Thadequate requirements 795 40			
• Incorrect requirements on one			
a Ambiguals modulinements			
Sequencing / Timing errors O standards			
System error o Test plan / case ressor			
Typographical errors on to to 196			
* Process improvement - I-lentification or			
Status wise = 1000 200 12 plans			
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Steeds of Similar defects			
Defect Management Process:			
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Delivorable N Defect N Defect process			
Defect Delivosoble Defect Defect process  Prevention baseline discovery resolution improvement			
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Defect management Process			
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82 \* Defect prevention: Implementation Total techniquer, methodology and standard processes to reduce visu of defas \* Deliverable baseline = Establishment at mileston where deliverables will be considered and complete and ready for further development Horivolto \* Defed discovery : and dentification and reporting of defects for development teams achnowledgement, as bacount o Ampiguous sourispensts \* Defect Resolution :- Mosh by the development team to polonitize, schedule and fix the defect and document the resolution O Vagable Declipation exaco \* Process improvement: - Identification and analysis of the process in which the defect originated to identify ways to improve the process to prevent future occurances of similar defects. Defect Management Pagess Defect life Cycle: Defect Life Cycle (Bug Life cycle) is a journey of a defect from its identification to its Closure The life cycle varies from organisation to anyanisation and a governed by the software testing process the organisation or project follows and/or defect tracking tool being used



\* New: Tester finds a defect and posts it with status 'new'. This is the defect while is get to be approved. \* Assigned lopen: Test development projection studies the new defect and it it is found be valid it is assigned to a member of development team \* Defensed: If a valid here as assigned defeat is decided to be fixed in upcomming release instead of current release, it is deferred. \* Dropped / Rejeded: Test development project lead studies the new defect and if it is found to be invalid it is dropped / rejected \* Completed fixed / resolved / test: Developer fixes the defed that is being assigned to him/her \* Reassigned (reopened: Thatesterfinds that the fixed defeat is in fad not fixed or only pastially fixed it is reassigned to the developed who fixed it. \* closed / verified :- If the tester / test lead finds that the defect is indeed fixed and is no more of any concern, it is closed luentied This is the happy ending.

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*	Component: A defect report	contrining in	
wilb	information about compo	nent can help manager	
	in assigning it to appropri	hate person	
X1	Defect Type: This classification		
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	this defect on businessos	earlas the defed on	
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AR.	Environment: Proper internent execution environment	should be present	
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