Software Engineering 106119100 06/04/21 7.88ignmenf-4 Ragneest Pandey SBA-Con Insurance & university 1) CAR Insurance Cay Insurance company maintains a contract between user against financial los. in the event of an accident on theft in can. 88A: software Quality Assurance 30A for a con instruance is composed of a vaniety af tasks associated with a different constituents. software enginnery who builds the car insurance website, and SDA group that has responsibilities for quality assurance planning, oversignt, record Keeping analysis and reporting.

The SEI recommends set of 80A activities that assure quality assurance, in cour insurance. <u>Activities</u>: (i) Prepare SAA plan fau a project: man is developed during project planning for all insurance website and is revieved by all parties involved, software developers and others SOA activities penformed by software engg. team and SOA team group are goverend by

the the plan

> The plan for , any insurance website project looks like the following: Evaluation of the viewent progress of the website needs to penformed at regular intervals. Audits and nevieurs should be per fourmed Inspections of accounts as well as woulk on the website must accin. Reviews about the work ongoing should take place to keep in check and motivated. > standards applicable to the project: Tuis includes software engineering process methods activities and work items are monitored and comply against defined standard by the > Proceduce for emor reporting and tracking are made. This can including some individual. for testing and reporting bug's to developers. and metesting often assigned peniod, including repeated / tacking. > Document that one needed to be made by SOA than are: purpose section, reference section, softwar

Parlicipales in the development of projects
jostware mous duription
- soprisare team selects a procus for
work to de performed
- sgn remiens prous discription (veating
backend/ponend of car insuraria company
for amplicance with concernation con
injurance congary) policy, internal
software wandards, externally imposed
software itandards, externally imposed standards and other parts of software
moject pean
Pervieues coftware engineering activities to
recify compliances with defined software process - SQA identifies documents and track
- SQA identifies documents and track
derniations from process and muifies
that corrections have been made (eg bugs)
rudits disignated coprisare work products to
reity compeionce with those defined as part of software process. SEA reviews selected work products (modules of our memoura website)
a saturare process, SEA reviews believed
work products (modules of an insurance needict
identifies, documents and track derrications; verifies tratucularisation have been made; and
verifies thatuculous thank been made; and
periodically suports the results of up wait
periodically suports the results of all walk

Ensure mat demations in toftware work and work products are documented and handred according to a documented products

Pecodide any non compliance and reports to benies management

Thus EGA activities listed above are performed at each stage of consumerate and consumerate of consumerate and consumerate of consumerate and stage of consumerate and consumerate of software ensures most quality of software is maintained.

UNIVERSITY
Introduction:
waterfall model for already designed
for University. Software quality assurance
acts as an umbrella process that is performed
at each state to ensure quality of the
uninersity MIS portal.
SQA: Jostware Quality Assessance
SQA: software quality Assurance SQA is composed of various tasks associated
with 2 different constituencies - software engineer
who do technical work and an so, A group
and has responsibility for available allingue
planning onersignt, record keeping analysis
and reporting The SEI recommends set a
planning onersignt. record keeping analysis and reporting The SEI recommends set of SQA activities that address quality assurance
Activities:
Propose on CO A Plan In Direction
7 Plan in desseloned de visco in internation
Prepare an SQA plan for the project 7 plan is developed during project pranning of university portal and is remembed by all
intersted parties - developers and students. SQA
activities responsed by software engineering
team and San team noup are graned in
team and san team noup are governed by
-> Evaluations to be performed
- Audits and reviews to be rectormed
lemens are filler for CE mours. They
are applied at various points during
Software divisionment and come to
unconer evious and difeds can be removed

have called analysis coding and design of university website. It points our needed improvements in the product of people and whole beam. It also filters modules of university cystem which don't require improvement. Meant from these reviews also increase quality and uniformity inspections are done for defect removal, remieus for progress assessment are conducted and quality remiers are token > Standards that are applicable to The project are listed, which includes code of conduct, and other standards needed to be maintrined for the project

> Proadures for enver reporting and tracking ressieur unu engineur enamine source of system with aim of disconering defeats checklist of common cross should be used to drive the injection from chechists can include: > data faults: buffer oneiflow, unidialised var noitruiero: ethus | go/qz < > interface faults: parameters of method wrong > storage /monagement faults: Failing to load austudent details evids should be taken to account export like not viewing feet wouldy, being while to login, involved texult etc. are also

cofte and work products are documented and nandled according to a documented procedure.
Records any non compliance and reports to senior management.
Uninersity system software, at each stage follows this soft actions and this ensures the quality of the software that is being developed.
Thus both car insurance and university montal's software quality assurance octions and pean are listed above. Politicismy these will ensure good quality in software development.

