Softwere Testing Testing Stratege - Strategy for sho testing intograte; some test case design metuods into a well-plante series of steps that vosuits in the successful construction Stategy privides a road-map that describes The steps to be conducted as part of testing, When these steps are planted and executed, how much efforts, times and responses will be required. Nonepro, any testing strategy must in Corporate, Otest por Otest case design D'test excutur 5 resultant data

* Organisation for Software Testing. For every softwee product, there is an inherent antheit of interest that occurs as testing begins, SE anate , analyse, model and drelop the computer program and the documentation hake any other builder, SE to mond of the edifice that has been created and frown @ any one who try to tier It down.

There are some Misconceptain that can be erroneouly intered from the testing process:

Other to developer do not test atall; That the sho should be loosed one the wall to a stranger who will test morcileschy

That testers get involved with the project only when the leating seteps is about to begins.

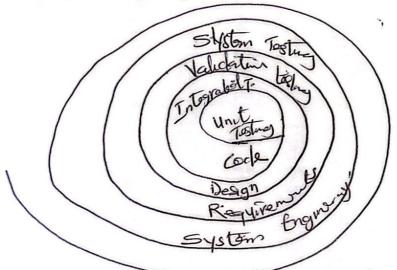
tach of these statements are mong

SON Developer are to be responsible for Component testings to ensure they perform what is required to perform a In many Cases they (SD) performs integration testing the testing step that leads to the construction of the complete softwere architecture. At the and of the Gottone architectural-lepting can an Independent Test group

term be thouse it is imperative to work with the developers from right from the analysis and design stage and stay involve toll the completion of the project.

* A Stoffware Told long for convertioned stw Archibelio

The stoffwere process may be viewed as the spiral.
Illustrated below;



Unit Toother begins at the vortex of the spreal cool incentrate on component (unit) the progressor. Testing progresses as it mores to the integretation Testing where the focus to on design and construction of show anti-testine. Groung forward we encounter validation testing where the requirements established as part of Share-activation are validated arguinst the Share-activation constructed. Finally, we arrive at Spoon Testing whom the Bothere and other System Elements are tested as a whole.

There are a testing pather available to the projectory; D Klatketting Mon-excelletable based testing

D Execution based Testing

Thon-execution brised testing formal and has only of Halkthrough - few steps.

Dispection or Review - This is more formal, Both are done before development and are done on document.

Whalkthurrugh—clone by expertise outside the propert toam.
This group is firmed specifically for this purpose
The Scrietinge the documen from all angle are
carry out correctors:

DInstrection or Review - Conducted with the help of some cheekhot.

ASS: Error, fault, and fallon as often used interchangeably, whater a diffused meaning. Discuss thom.



Software Quality Assureance

Software Pushing Assurance: It is a poccess of ensuring that the software products are produced through the implementation of Standard practices and procedure. It ecompasses, the product part go through the standard SDLC & in order to provent defect and to ansure that the settlement meets the required target. SDA are usually implemented from the conspection of the ideal till when the product to delivered, while the software testing usually happened later after in the development process.