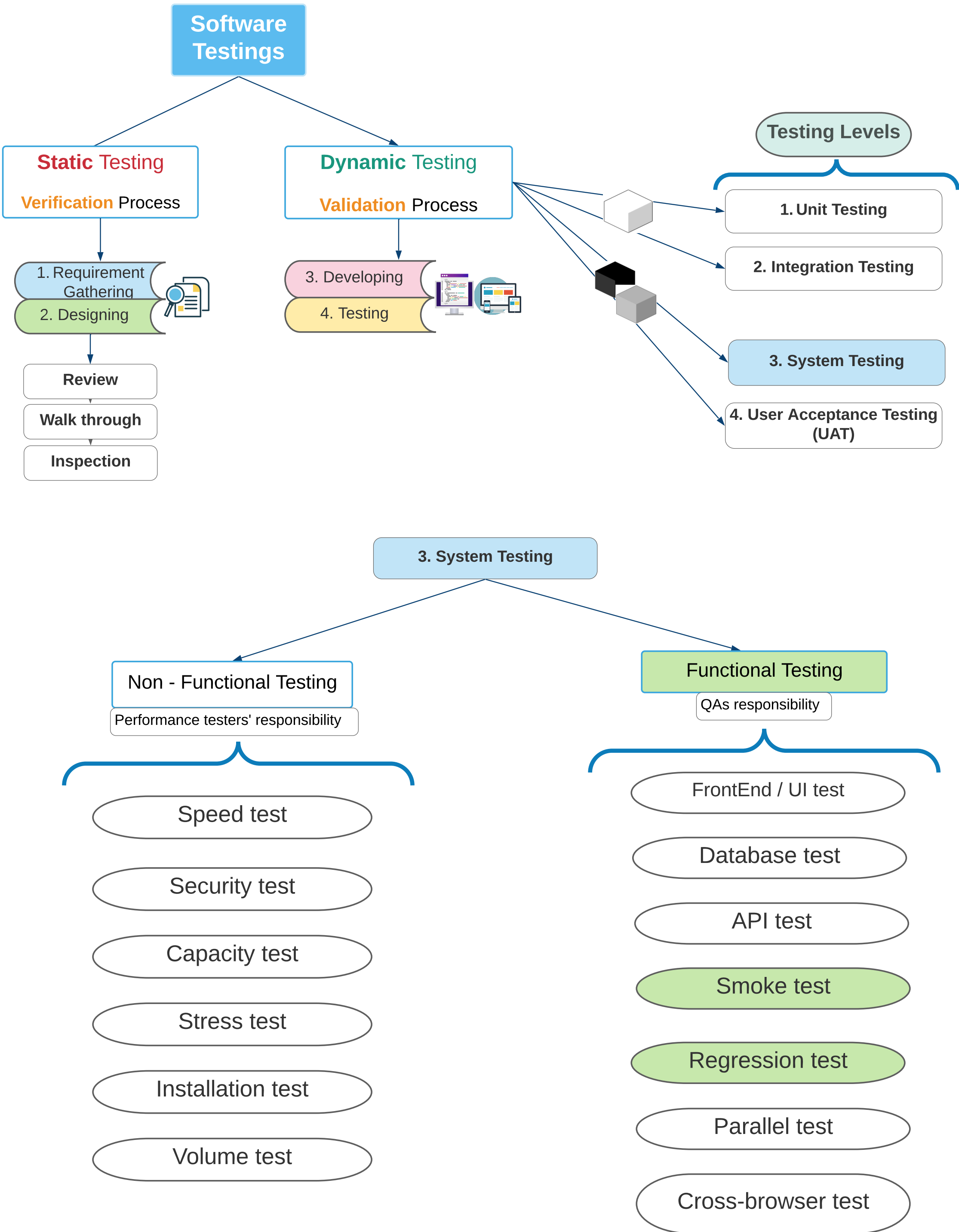


Functional Testing - 3 layers

Interview Question & answers in this article:

Which type of testings do you perform ?

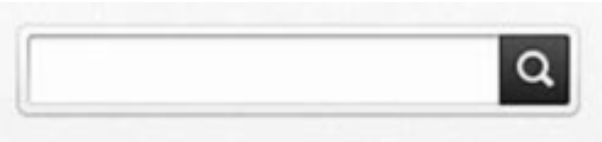


FrontEnd Testing :

- Testing the application's web elements manually and automatically.
- Use programming languages, and testing tools like Selenium, Junut, Cucumver, Maven etc

For example:

Can user type in the search box?



Can users login?

Can users download a file?



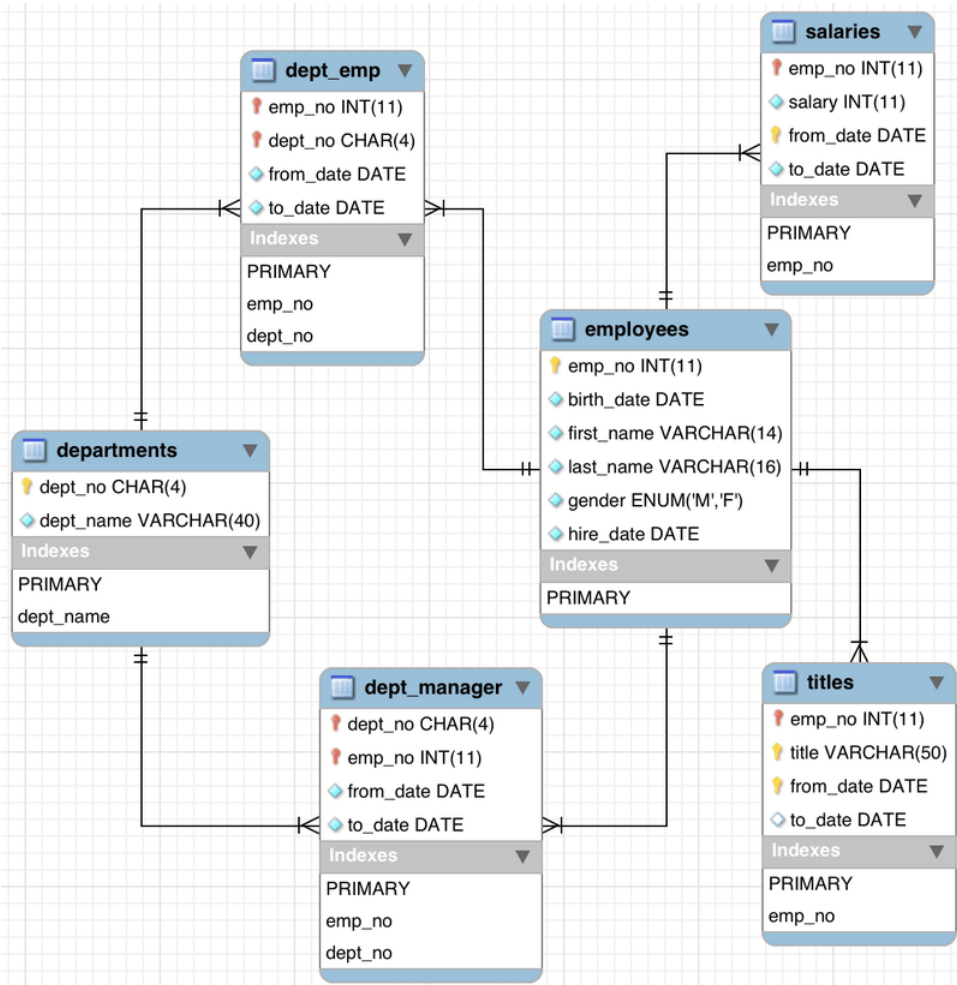
DataBase Testing :

- Testing the **software' data and information**
- Testing if **a functionalities' data** that are created from UI is received and stored into the database or not.
- manual DB testing is done by writeing quesries with SQL on an IDE
- Automation is done with programming language like java, and testing tool like JDBC

For example:

A user uploaded a file from frontEnd, now testers test if the files are in DB or not

A software has 100 users, QAs test if those user's info are in DB or not



DataBase example

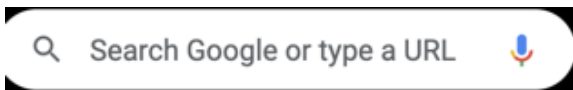
API Testing :

- API testing is one of the test type to varify a software's functionalities.
-
- Testing if **a functionalities' data** that are created from UI is received and stored into the database or not.
- Manual API testing is done by using an IDE
- Automation is done with programming language like java, and testing tool like RestAssured API, Junit4

For example:

Is google's **search function** is working fine?

UI test: go to Google webpage, and test the by searching items from the search box



API test: <https://www.google.com/search?q=item name>

<https://www.google.com/search?q=item name>

Software URL

Search function