**Type of testing performed on such a project**

1. **Functional testing**

its divided into four type:

1. Unit Testing: Unit testing is a type of software testing which is done on an individual unit or component to test its corrections. Typically, Unit testing is done by the developer at the application development phase. Each unit in unit testing can be viewed as a method, function, procedure, or object.
2. Integration Testing: Integration testing is a type of software testing where two or more modules of an application are logically grouped together and tested as a whole. The focus of this type of testing is to find the defect on interface, communication, and data flow among modules. Top-down or Bottom-up approach is used while integrating modules into the whole system.
3. System Testing: System testing is types of testing where tester evaluates the whole system against the specified requirements.
4. Acceptance Testing: Acceptance testing is a type of testing where client/business/customer test the software with real time business scenarios. The client accepts the software only when all the features and functionalities work as expected. This is the last phase of testing, after which the software goes into production. This is also called User Acceptance Testing (UAT).
5. **Non Functional testing**

Its divided into four type:

1. Security Testing: It is a type of testing performed by a special team. Any hacking method can penetrate the system. security testing is done to check how the software, application, or website is secure from internal and/or external threats. This testing includes how much software is secure from malicious programs, viruses and how secure & strong the authorization and authentication processes are.It also checks how software behaves for any hacker’s attack & malicious programs and how software is maintained for data security after such a hacker attack.
2. Performance Testing: Performance testing is testing of an application’s stability and response time by applying load.The word stability means the ability of the application to withstand in the presence of load. Response time is how quickly an application is available to users. Performance testing is done with the help of tools. Loader.IO, JMeter, LoadRunner, etc. are good tools available in the market.
3. Usability testing: Usability testing is testing an application from the user’s perspective to check the look and feel and user-friendliness.
4. Compatibility Testing:This is a testing type in which it validates how software behaves and runs in a different environment, web servers, hardware, and network environment.it ensures that software can run on different configuration, different databases, different browsers, and their versions. The testing team performs compatibility testing.

some other type of testing use to test the project:

1. Smoke testing
2. Regression testing
3. Recovery testing
4. Install/Unistall testing
5. GUI testing
6. Boundry value testing
7. Back-end testing
8. Ad-hoc testing