

Tables

| Aspect | FTR | Walkthrough |
|--------------------|------------------|--------------------|
| 1. Formality Level | High | Low |
| 2. Main Goal | Find defects | Gain understanding |
| 3. Leader | Moderator | Author |
| 4. Preparation | Mandatory | Optional |
| 5. Focus | Product | Presenter logic |
| 6. Data Recording | Formal log | Informal notes |
| 7. Attendees | Peers/Experts | Any stakeholders |
| 8. Output | Defect report | General feedback |
| 9. Follow-up | Strict & tracked | Informal |
| 10. Structure | Rigid | Flexible |

| Aspect | Alpha Testing | Beta Testing |
|------------------|----------------|-----------------|
| 1. Location | Internal lab | External site |
| 2. Testers | Internal staff | Real users |
| 3. Goal | Find bugs | User feedback |
| 4. Visibility | Private | Public |
| 5. Stability | Less stable | More stable |
| 6. Control | High control | Low control |
| 7. Feedback Type | Technical | User experience |
| 8. Phase | Before beta | Before release |
| 9. Data | Crash logs | Usability |
| 10. Duration | Long cycles | Short cycles |

| Aspect | Scrum | Kanban |
|---------------|-------------------|--------------------|
| 1. Cycles | Fixed sprints | Continuous flow |
| 2. Roles | Defined roles | No fixed roles |
| 3. Metrics | Velocity | Lead time |
| 4. Board | Reset each sprint | Persistent |
| 5. Commitment | Sprint backlog | WIP limits |
| 6. Change | No mid-sprint | Anytime |
| 7. Cadence | Regular events | No required events |
| 8. Artifacts | Specific set | Minimal |
| 9. Planning | Sprint planning | On-demand |
| 10. Focus | Iterative goals | Flow efficiency |

| Aspect | White Box Testing | Black Box Testing |
|-----------------------|----------------------------|-------------------------------|
| 1. Internal Knowledge | Required | Not Required |
| 2. Tester Perspective | Developer View | User View |
| 3. Testing Basis | Code & Internal Structure | Specifications & Requirements |
| 4. Skill Requirement | Programming Skills Needed | No Programming Skills |
| 5. Granularity | Fine-grained (Low Level) | Coarse-grained (High Level) |
| 6. Main Goal | Improve Code Quality | Validate Functionality |
| 7. Test Design | Based on Code Paths | Based on Input/Output |
| 8. Coverage Type | Code Coverage | Requirement Coverage |
| 9. Performed By | Developers & SDETs | QA Testers |
| 10. Examples | Unit Testing, Path Testing | System Testing, UAT |