Black Box Testing

Equivalence Partitioning
Description:
Dividing input data into valid and invalid partitions.

Examples:
TC_S_01
TC_S_02
TC_S_03
TC_S_04
TC_S_05

Boundary Value Analysis
Description:
Testing input values at boundaries.

Examples:
TC_F_15
TC_F_18
TC_F_21

Positive Testing
Description:
Ensuring correct behavior with valid inputs.

Examples:
TC_S_01
TC_S_07
TC_F_39

Negative Testing
Description:
Testing response to invalid or empty inputs.

Examples:
TC_S_03
TC_S_04
TC_S_05
TC_S_06

Error Guessing

Description:
Using tester experience to find hidden bugs.

Examples:
TC_S_07
TC_S_09
TC_F_43
TC_F_45
TC_F_51–TC_F_57

Functional Testing

State Transition Testing

Description:
Verifying behavior during state changes.

Examples:
TC_F_21
TC_F_39
TC_F_22

Ad-Hoc Testing

Description:
Unstructured testing based on intuition.

Examples:
TC_F_19
TC_F_27

UI / UX Testing

Usability Testing

Description:
Evaluating clarity and usability.

Examples:
TC_F_14
TC_F_22
TC_F_29

Compatibility / Responsiveness Checks
Description:
Ensuring correct behavior across devices.

Examples:
TC_F_22
TC_F_36

Input Combination Testing

Multiple Condition Testing
Description:
Testing combinations of multiple inputs.

Examples:
TC_F_17
TC_F_27
TC_F_19

Data-Driven Testing

Repeated Input Variation Testing
Description:
Testing with multiple input variations.

Examples:
TC_S_01
TC_S_07
TC_F_40–TC_F_58

Filter-Specific Testing

Attribute-Based Validation
Description:
Testing filter attributes for correct results.

Examples:
TC_F_24

TC_F_26
TC_F_30–TC_F_35
TC_F_37