Traceability Matrix for Data Upload Project

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Requirement ID	Requirement Description	Test Case ID	Test Case Description	Test Status
REQ-101	User can upload single files	TC-01, TC-02	Verify single file upload, Verify file type restrictions	Passed
REQ-102	User can upload multiple files simultaneously	TC-03, TC-04	Verify multiple file upload, Test upload limit	Failed (TC-04)
REQ-103	System supports files up to 1GB	TC-05	Test maximum file size upload	Passed
REQ-104	Uploaded files are scanned for viruses	TC-06	Verify virus scan on upload	Passed
REQ-105	User receives upload confirmation	TC-07	Verify upload confirmation message	Passed
REQ-106	User can cancel ongoing uploads	TC-08	Test cancellation functionality	Failed
REQ-107	System supports all common file types	TC-09	Test upload for various file types	Passed
REQ-108	User can view upload history	TC-10	Verify upload history feature	Passed
REQ-109	System encrypts files during upload	TC-11	Verify encryption during file transmission	Passed
REQ-110	System ensures data integrity after upload	TC-12	Verify data integrity post-upload	Passed
REQ-111	System maintains high performance under load	TC-13, TC-14	Load testing for concurrent uploads, Stress test	Passed (TC-13), Failed (TC-14)
REQ-112	System is accessible to all users	TC-15	Accessibility testing	Passed
REQ-113	API allows third-party integrations for upload	TC-16	Test API for third-party upload functionality	Passed
REQ-114	System allows resuming interrupted uploads	TC-17	Test resume functionality for interrupted uploads	Passed
REQ-115	System logs all upload activities	TC-18	Verify logging for upload activities	Passed