

RTM (Requirement Traceability Matrix) For Project	
Project Name	Book shop
Module	Front- End
Created by	Md.Ahsanur Maruf
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Requirement ID	Requirement Description	Scenario ID	Test Case IDs
R001	User registration with OTP verification	TS_001	TC_001, TC_002, TC_003, TC_018–TC_015 (all 15 cases from TS_001)
R002	User login	TS_002	TC_004 – TC_017 (13 cases)
R003	Forgot password with OTP reset	TS_003	TC_018 – TC_028 (11 cases)
R004	Header components: Logo, Currency selector, Search, Account links, Cart display	TS_004	TC_029 – TC_044 (16 cases)
R005	Navigation menu: Category listing, subcategory display, links	TS_005	TC_045 – TC_054 (10 cases)
R006	Homepage: Featured books carousel, Top Genres, Special Offers, Recommendations	TS_006	TC_055 – TC_069 (15 cases)
R007	Product page: Book cover, zoom, details, price, preview, formats, reviews	TS_007	TC_070 – TC_079 (10 cases)
R008	Category page: Filter by price, popularity, rating, date, refine results	TS_008	TC_080 – TC_089 (10 cases)
R009	Shopping cart: Add/remove/update books, discounts, total cost	TS_009	TC_090 – TC_099 (10 cases)
R010	User account management: Edit profile, orders, wishlist, password reset	TS_010	TC_100 – TC_109 (10 cases)
R011	Checkout process: Login/Register/Guest, billing, payment, order confirm	TS_011	TC_110 – TC_129 (20 cases)
R012	OTP features: Generation, expiry, validation limit, resend OTP	TS_012	TC_130 – TC_135 (6 cases)
R013	Wishlist: Save, view, remove books	TS_013	TC_136 – TC_142 (7 cases)
R014	Book comparison: Compare by price, rating, format	TS_014	TC_143 – TC_150 (8 cases)
R015	Book reviews & ratings: Submit, display, validate	TS_015	TC_151 – TC_158 (8 cases)
R016	Security: SSL, session timeout, account lockout, password hashing	TS_016	TC_159 – TC_166 (8 cases)
R017	Signup & confirmation	TS_017	TC_167 – TC_171 (5 cases)
R018	Search: By title, author, ISBN, validate results	TS_018	TC_172 – TC_181 (10 cases)
R019	Payment gateway: Success and failed transactions	TS_019	TC_182 – TC_191 (10 cases)
R020	User logout: Session termination & redirect	TS_020	TC_192 – TC_196 (5 cases)