Team Name : Trishakti

Req No	Requirements

Functional Requirements

1 Student Module

REQ 1.1	Secure account creation with OTP-based verification for user registration
REQ 1.2	Dashboard to view application status and receive notifications
REQ 1.3	Profile editing functionality allowed before final submission deadline
REQ 1.4	Multi-step application form for personal, academic, and contact information
REQ 1.5	Real-time validation and board/category database integration
REQ 1.6	Upload scanned documents in JPG, PNG, or PDF formats
REQ 1.7	Automatic document resizing and format validation checks
REQ 1.8	Multiple payment gateway options (UPI, cards, net banking)
REQ 1.9	E-receipt generation and real-time payment status tracking
REQ 1.10	Auto-generation of hall tickets after document verification
REQ 1.11	Admit card download functionality from student dashboard
REQ 1.12	Secure view of results and rank card downloads
REQ 1.13	Option Entry with drag-and-drop priority setting for counseling
REQ 1.14	Mock Allotment feature for seat allocation simulation
REQ 1.15	Final Seat Allotment display with Accept/Reject/Float options
REQ 1.16	Download admission order functionality

2 Admission Module

REQ 2.1	System configuration for admission cycles, dates, fee structures, and seat matrices
REQ 2.2	View registered users and filter/search applications functionality
REQ 2.3	Interface for officers to review document uploads
REQ 2.4	Optional AI-based auto-verification tools for documents
REQ 2.5	Document approval/rejection with remarks and notifications
REQ 2.6	Run and manage counseling rounds
REQ 2.7	Manual override options with audit trail for counseling
REQ 2.8	Broadcast notifications via SMS, email, and dashboard
REQ 2.9	Message templates for recurring communications
REQ 2.10	Integrated support ticket system for grievance redressal
REQ 2.11	Admin dashboard for query tracking and resolution
REQ 2.12	Generate lists of applicants, payments, and allotments
REQ 2.13	Category-wise, course-wise, and college-wise data reporting
REQ 2.14	Visual trends dashboard for admissions, choices, and vacancies
REQ 2.15	Export reports in PDF, CSV, and Excel formats

3 Institution Module

REQ 3.1	Institution dashboard with summary of allotments and admissions
REQ 3.2	Staff access management with role-based login
REQ 3.3	View allotted student profiles and documents
REQ 3.4	Sync with central verification status system
REQ 3.5	Mark students as Admitted/Rejected with reasons
REQ 3.6	Download admission confirmation receipts
REQ 3.7	Generate compliance reports for admissions and vacancies
REQ 3.8	Export institutional reports in various formats
REQ 3.9	Notify students about discrepancies or next steps
REQ 3.10	Set deadlines for reporting and payments

4 Non-Functional Requirements

REQ 4.1	System must support 10,000+ concurrent users during peak periods

REQ 4.2	All data transmissions must be encrypted with role-based access control
REQ 4.3	Handle increased user load in future admission cycles
REQ 4.4	Modular architecture for easier updates and debugging
REQ 4.5	Clean, accessible UI design for all user groups