Table of Limitations (TOL)

This document contains the Table of Limitations based on the LLD provided.

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| Test Operation ID | Operation Description | Linked Requirements |
|  |  |  |
| TO-1 | User Registration | 2.1.1 User Registration (Data Validation, Password Strength, Password Hashing, Email Confirmation, Account Activation) |
| TO-2 | User Login | 2.1.2 User Authentication (Login Process, Password Verification, Session Management, Secure Communication, Password Reset) |
| TO-3 | Profile Update | 2.1.3 Profile Management (Profile Update, Data Validation, Booking History, Saved Preferences) |
| TO-4 | Bus Search | 2.2.1 Search Engine (Search Criteria, Data Filtering, Data Sorting, Search Algorithm, Geolocation Support) |
| TO-5 | Bus Details View | 2.2.2 Bus Details (Bus Information, Seat Map, Customer Reviews) |
| TO-6 | Booking Confirmation | 2.2.3 Booking Confirmation (Booking Summary, Confirmation Email) |
| TO-7 | Payment Processing | 2.3.1 Payment Gateway Integration (API Integration, Payment Methods, Secure Communication, Transaction Processing) |
| TO-8 | Payment Confirmation | 2.3.2 Payment Confirmation (Confirmation Page, Confirmation Email) |
| TO-9 | Booking History View | 2.4.1 Booking History (Booking Details, Ticket Download/Print) |
| TO-10 | Booking Modification | 2.4.2 Booking Modification (Modification Policy, Modification Process, Confirmation Email) |
| TO-11 | Booking Cancellation | 2.4.3 Booking Cancellation (Cancellation Policy, Cancellation Process, Refund Processing, Confirmation Email) |
| TO-12 | Booking Notifications | 2.4.4 Booking Notifications (Notification Types, Notification Preferences, Notification Delivery) |
| TO-13 | Data Validation and Integrity | 3.2 Data Validation and Integrity (Data Validation, Data Integrity, Data Security) |
| TO-14 | Data Backup and Recovery | 3.3 Data Backup and Recovery (Regular Backups, Disaster Recovery Plan) |
| TO-15 | Secure Communication | 4.1 Secure Communication (HTTPS Protocol, SSL Certificates) |
| TO-16 | Data Privacy | 4.2 Data Privacy (Data Minimization, Data Encryption, Access Control, Data Retention Policy) |
| TO-17 | Security Measures | 4.3 Security Measures (Authentication and Authorization, Input Validation, Regular Security Audits, Security Monitoring) |
| TO-18 | Privacy Policy | 4.4 Privacy Policy (Transparency, User Consent, Data Access and Deletion) |
| TO-19 | Deployment and Maintenance | 5.1 Deployment Strategy (Cloud Platform, Deployment Stages, CI/CD) |
| TO-20 | System Monitoring and Logging | 5.2 Maintenance and Updates (Regular Maintenance, Software Updates, Monitoring and Logging) |