|  | **Module** | **Admin Use Cases** | **User Use Cases** | **Validation** | Variables |
| --- | --- | --- | --- | --- | --- |
| **MEET** | Quiz Module- | 1.Add Question  2.Remove Question  3.Start Quiz  4.End Quiz  5.Create New Quiz | 1.Participate in Quiz  2.View Quiz 3.Results | - Ensure question format is correct.  - Ensure quiz duration is set.  - Validate quiz start/end time. | - Question Text, Answer Options, Time Limit, Quiz ID.  - Quiz Attempt ID, User ID. |
| **MAHI** | Admin Panel & Dashboard | 1.Login  2.View Dashboard  3.Manage Users  4.Configure Settings  5.View User Statistics  6.Show Notifications |  | - Validate admin credentials (username/password).  - Validate access to admin panel.  - Check if notifications are configured. | - Admin Credentials (username, password), Notification Content, User Stats. |
| **MAHI** | User Manager | 1. Add User  2. Remove User  3. Update User  4. View User List |  | - Validate user information (email, username)  - Check if user exists before removal.  - Ensure email format is valid. | - User ID, Username, Email, Role, User Data (for update). |
| **MAHIKA** | Setting & Notification | 1. Manage Settings  2. Manage 3. Push/Email Notifications  4. Customize App | 1. Receive Notifications, 2. Manage Settings | - Validate notification preferences (enabled/disabled).  - Validate app theme and settings. | - Notification Type (Push/Email), Theme Configuration, App Customization Settings. |
| **ANUHSKA** | Repositories | 1.Add/Update/Delete Question  2.Retrieve Questions  3.Add/Update/Delete 4.Answer Options  5.Store Results  6.Get Quiz Results |  | - Validate question format (correct answer format).  - Ensure that question ID exists for update/delete.  - Validate results storage process. | - Question ID, Answer Option ID, User ID, Result ID, Quiz ID. |
| **SIVAMANI** | Payment Module | 1.Add/Edit Payment 2.Methods  3.Set Free/Premium Options  4.Process Payments  5.Secure Payment  6. Confirm Payments | 1. Make Payment,  2.Manage Subscription | - Validate payment details (card info, payment gateway).  - Ensure payment security protocols are followed (e.g., encryption).  - Validate if premium option is enabled. | - Payment Method (Card, PayPal, etc.), Amount, Transaction ID, User Payment Status. |
| **JAI** | User Module |  | 1.Register/Login  2. Manage Profile  3. Access User Dashboard  4.Authenticate | - Validate registration information (email, password).  - Validate login credentials.  - Ensure email/password match. | - User ID, Email, Password, Profile Data, Auth Token |