**Functional Requirements:**

**1. User Authentication:**

- Users can sign up with a valid email address, name, and password.

- Users can log in using their credentials.

**2. Media Submission:**

- Users can choose the type of media (text, image, or deep fake).

- Users can submit the media (upload text or image).

**3. Subscription:**

- Users can subscribe to a plan.

- Subscription plans are presented to the user.

- Users can select a plan.

- Users must pay for the selected plan.

**4. Profile Management:**

- Users, after logging in, can view their profile page.

- Users can edit their profile information.

**5. History:**

- Users can view a history page that displays their past interactions or submissions.

**6. Admin Functions:**

- Admins can log in.

- Admins can observe system data and analysis.

- Admins have access to an admin page.

**7. Detection System:**

- The system can detect AI-generated content.

- The system records the date and result of the content analysis.

**Non-Functional Requirements:**

**1. Security:**

- User passwords are securely stored (hashed and salted).

- Media submissions are securely handled to prevent unauthorized access.

**2. Usability:**

- The website has an intuitive and user-friendly interface.

- Responsive design for various devices and screen sizes.

**3. Performance:**

- The detection system should provide timely results.

- The website should handle simultaneous user requests efficiently.

**4. Scalability:**

- The system should be able to handle an increasing number of users and media submissions.

**5. Reliability:**

- The system should be available and reliable for users and admins.

**6. Payment Processing:**

- Secure and reliable payment processing for subscription plans.

**7. Logging and Auditing:**

- The system logs user actions, especially those related to media submissions and payments.

- Admins have access to detailed logs for analysis.

**8. Data Backup:**

- Regular backups of user data and system logs.

**9. User Notifications:**

- Users receive notifications for successful subscription, payment, and other important events.

**10. Compliance:**

- The system complies with relevant data protection and privacy regulations.

**11. User Support:**

- Provide a mechanism for users to seek help or support.

**12. Cancellation of Subscription:**

- Users can cancel their subscription, and the system should handle this process appropriately.