

* Generate SRS.

- ① → Library management.
 - Stock maintenance.
 - passport automation.

⇒ Library Management.

① Introduction:-

1.1) purpose:- for providing online library services.

1.2) scope:- it includes managing library catalogues allowing users to search borrow, return & renew books. It ensures different access for students, staff & librarian.

1.3) problem statement:- Design a website for providing library services.

② Functional requirements.

2.1) Book search:- users should be able to search for books by title, author, subject or ISBN.

2.2) Book Reservation:- Users can reserve books that are currently borrowed & receive notification when they become available.

2.3) Borrow & return:- System should return record when users borrow or return books.

2.4) User Registration :- user must able to register

2.5) fine calculation :- calculate fines for overdue books & send notification.

③ Non-functional requirements :-

3.1) performance :- It should handle more number of users.

3.2) Usability :- at same time many number of users can use the website. (without

3.3) security :- users data should be encrypted.

④ Domain Requirements :-

4.1) library Rules :- system should follow library rules for duration of borrowing, fines.

4.2) Circulating policy :- system should follow policy of either renewing or returning the book after 15 days.

4.3) Interface requirements :- It should allow different access for students, staff & librarians.

4.4) performance requirements :-