IT 314 - LAB-01
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Q.1. Identify FRs and NFRs:
Ans:-
Functional Requirements :-
- Members can search, borrow and return a book.
- Non members can only search the book.
- Members can extend the date of his borrowing if no other booking for that particular book has been made.
- Librarians can handle all day to day transactions of the library.
- Librarians can enter a new record when a new book is purchased and also can remove the record in case any book is not available.
- Only LIS members can borrow a book or return it

 Non-Functional Requirements
- Web application should be in HTML 5 .
- Web application should only run in Institute LAN
- Confidential information should not be stored in plain text
- Issuing or returning books is restricted to LIS members only.

Q.2. Identify scope, features and non-functional aspects of the following problem.
Ans:-
Scope : -
- Disabling hearing loss peoples

Features:-
- Artificial intelligence that recognise different type of sounds
- Immediate alerts and continual logging when critical situations occur
- Optimized Android application
- Low-latency helps to react to the system immediately.

Non-Functional aspects:-
- A working android device that compatible with the application
- Sensors that sense the sound and intensity of the sounds.

- AI should be accurate and responsive(with low latency).