

IT-314 LAB-1

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1. *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.
- Librarian can enter new record when a new book is purchased and also can remove the record in case any book is not available.
- Only LIS member can borrow or return a book.

Non-Functional requirements :

- Web application should run only in institute LAN.
- Web application should be in HTML 5.
- Confidential information should not be stored in plain text.

1.

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.