

# Library intelligent Assistant (LiA®)

The rise of the conversational interface shows no signs of slowing down; chatbots are the new apps, Siri is getting old already, and although it's still awkward to say "Ok Google" on your watch or "Hey Cortana" to your phone, somehow, we're happy to ask "Alexa" for the news, weather, or to play something by Bruno Mars.

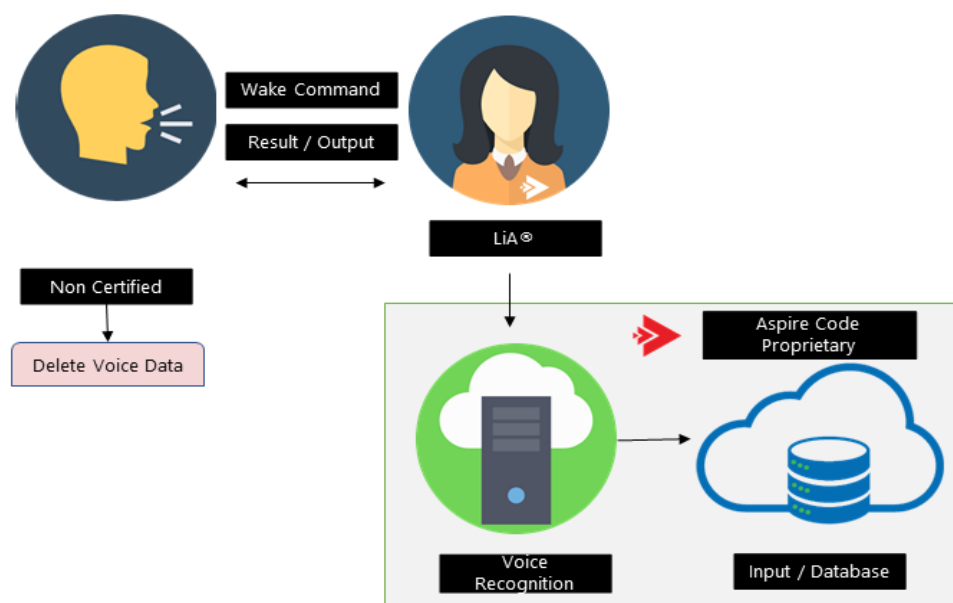
At present, everything is transforming to digital. People look for more digital things thing to always stay connected with their Smart Devices. The smartphones and smartwatches are making the task easier and handy. The Library intelligent Assistant will make you stay connected with the library environment digitally and make it more user-friendly.

## Traditional Library

In the existing library system, the user needs to search for the books in each rack and rails. It is time-consuming. The user needs to contact the librarian every time for finding the book and for returning of books. The user needs to make a note of when He / She needs to keep on track of the submission date of the book. Although Digital Library comes into existence with an e-book, most of the user prefers books in their hands to go through it.

## Library intelligent Assistant (LiA®)

The Library intelligent Assistant (LiA®) enables the user to find the exact location of the book in the library with Voice-Assisted Graphical User Interface (GUI) so that the user can easily find the exact rack/rail of the book. It also posts notification remainder in their mobile about the due date of the book and when it will be available if it is accessed by another user. This is how the smart library environment can be maintained. (Credits: Amazon AWS, Alexa)



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## Benefits

- Time wasted for searching of books will be removed.
- Smart Notification about the book will be posted to the user.
- The traditional method of searching the rack will be removed.
- It will make us search and get updated with Google and Wikipedia content.
- The online content can be accessed easier.

## Features

- The user will be assisted with a 3D view of the building to find the exact location of the book.
- Searching Wikipedia based on the user's voice input and giving back the reply through a robotic voice with further interactive questions by the machine.
- Checking email for unread messages Checking the weather conditions of the user's location.
- Source of entertainment and information for blind/visually impaired.
- The voice-based calculator can be used to teach visually impaired students, or it can be a game for visually sound students.
- Security systems can use the face recognition and similarity checking.
- All codes run on the cloud, so the security updates will be installed automatically.

## Application

- Can be used in standalone small / medium / large library to find the exact location of the book in no time and to improve the user experience in the library.
- Can be used in libraries of educational institutions.
- Can be used in University libraries.