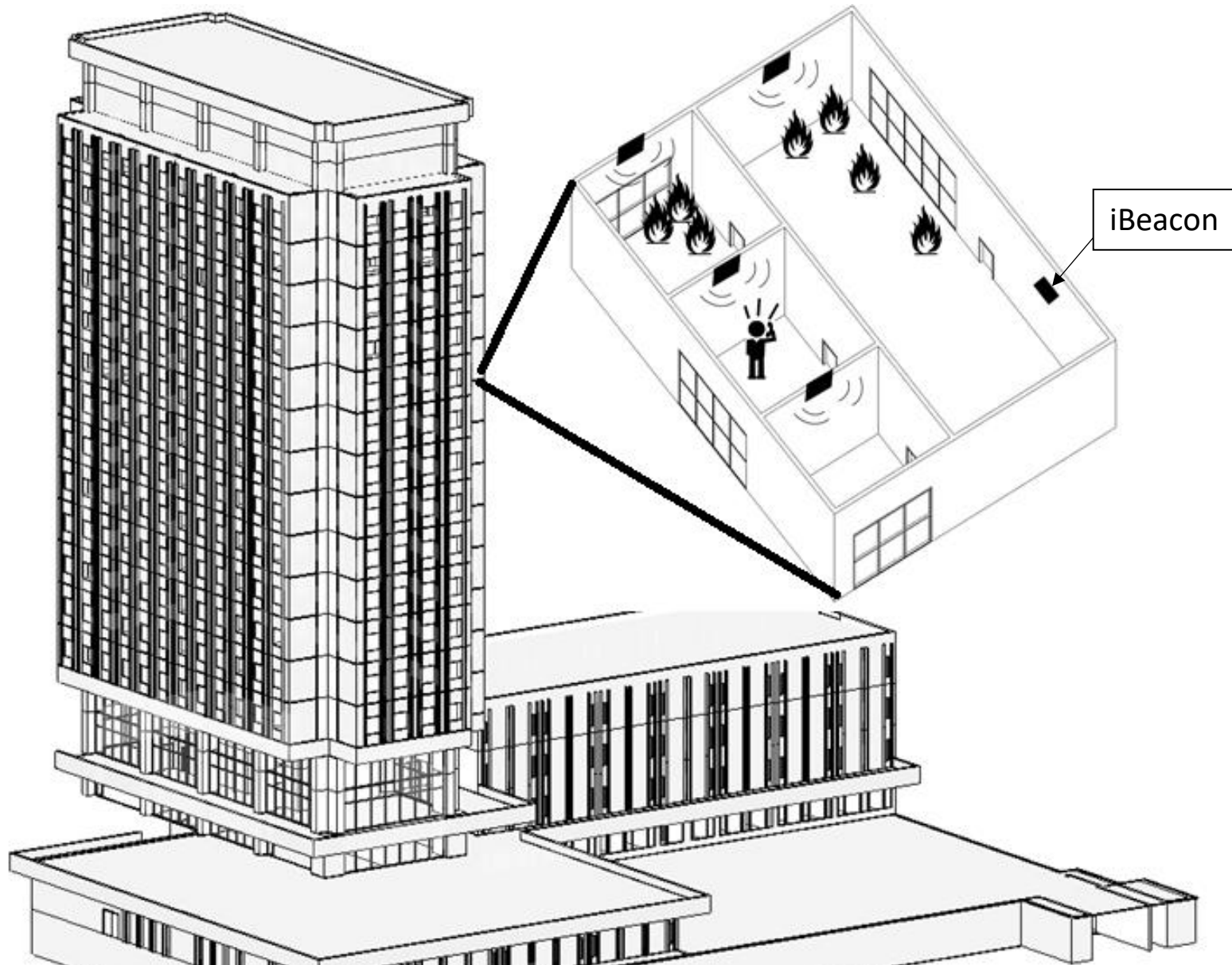




ILLINOIS INSTITUTE OF TECHNOLOGY

IIT RTCLab

Indoor Location provided by BlueTooth Low Energy iBeacons



WebRTC PSAP

The image shows a WebRTC PSAP interface with several panels. The 'Caller Information' panel is highlighted with a red border. Other panels include 'Call List', 'Telephone Controls', 'IM/TDD/Real-Time Text/SMS', 'Emergency Information', 'ACD Display', 'Recording', and 'Participants'.

Caller Information

Caller Location:

floor: room:

Contact Info:

Alternate Name:

Name:

Service Provider: Class:

Secondary Contact:

Latitude/Longitude:

Call List

Search:

Telephone Controls

speed dial 1
speed dial 2
speed dial 3
speed dial 4
speed dial 5
speed dial 6
speed dial 7
speed dial 8

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
*	0	#

call status -- idea

IM/TDD/Real-Time Text/SMS

Text Log

Caller Real-Time Text:

Enter message below:

[in a call](#)

Emergency Information

Location:

Community: State:

Latitude/Longitude:

Emergency Type:

Secondary Type:

Name:

Notes:

Response Agencies

ACD Display

Response Time: 00:00

Call Duration: 00:00

Hold Time: 00:00

My Status: available

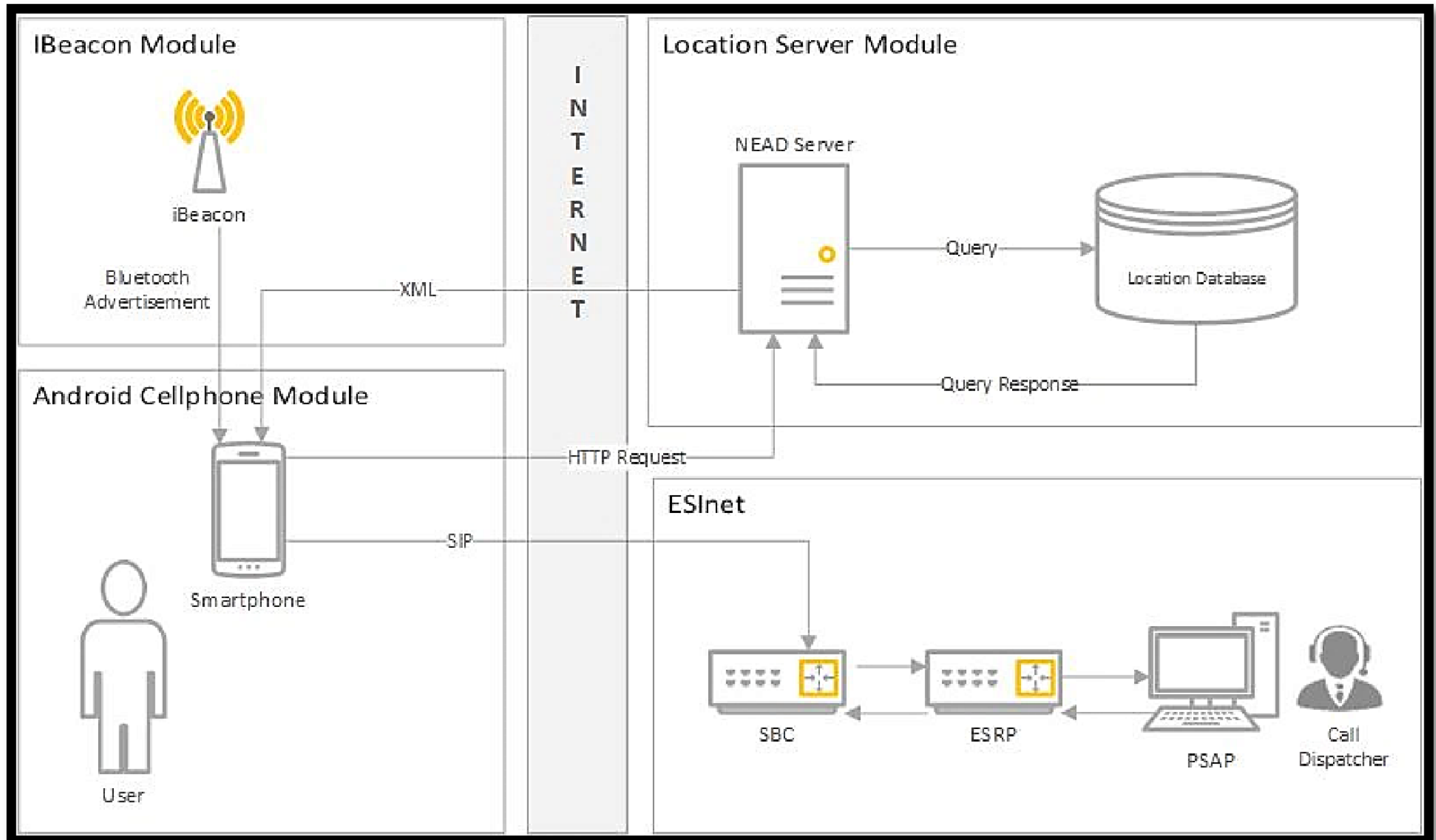
Recording

00:00 of 00:00 (00:00)

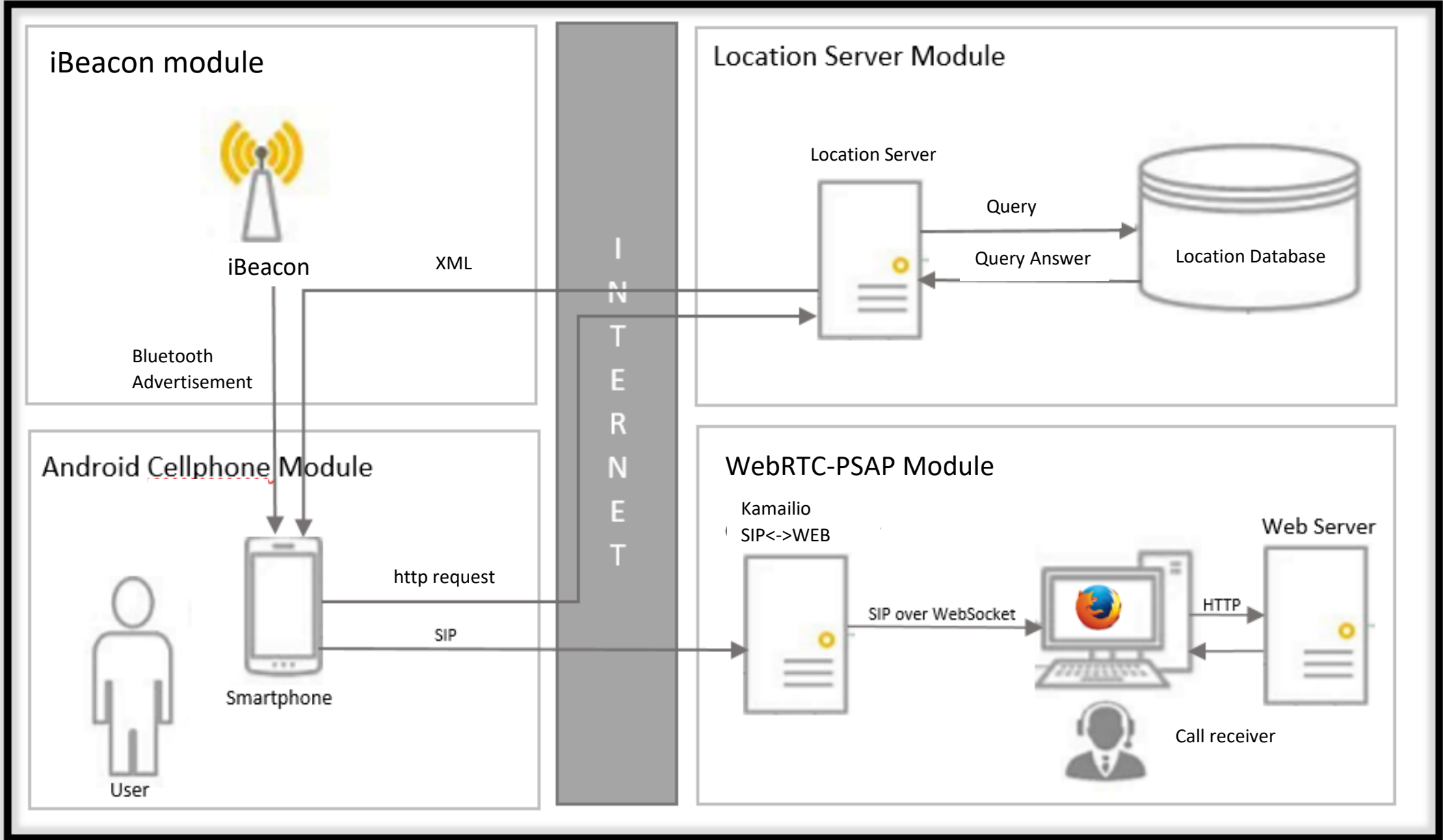
Participants

Name

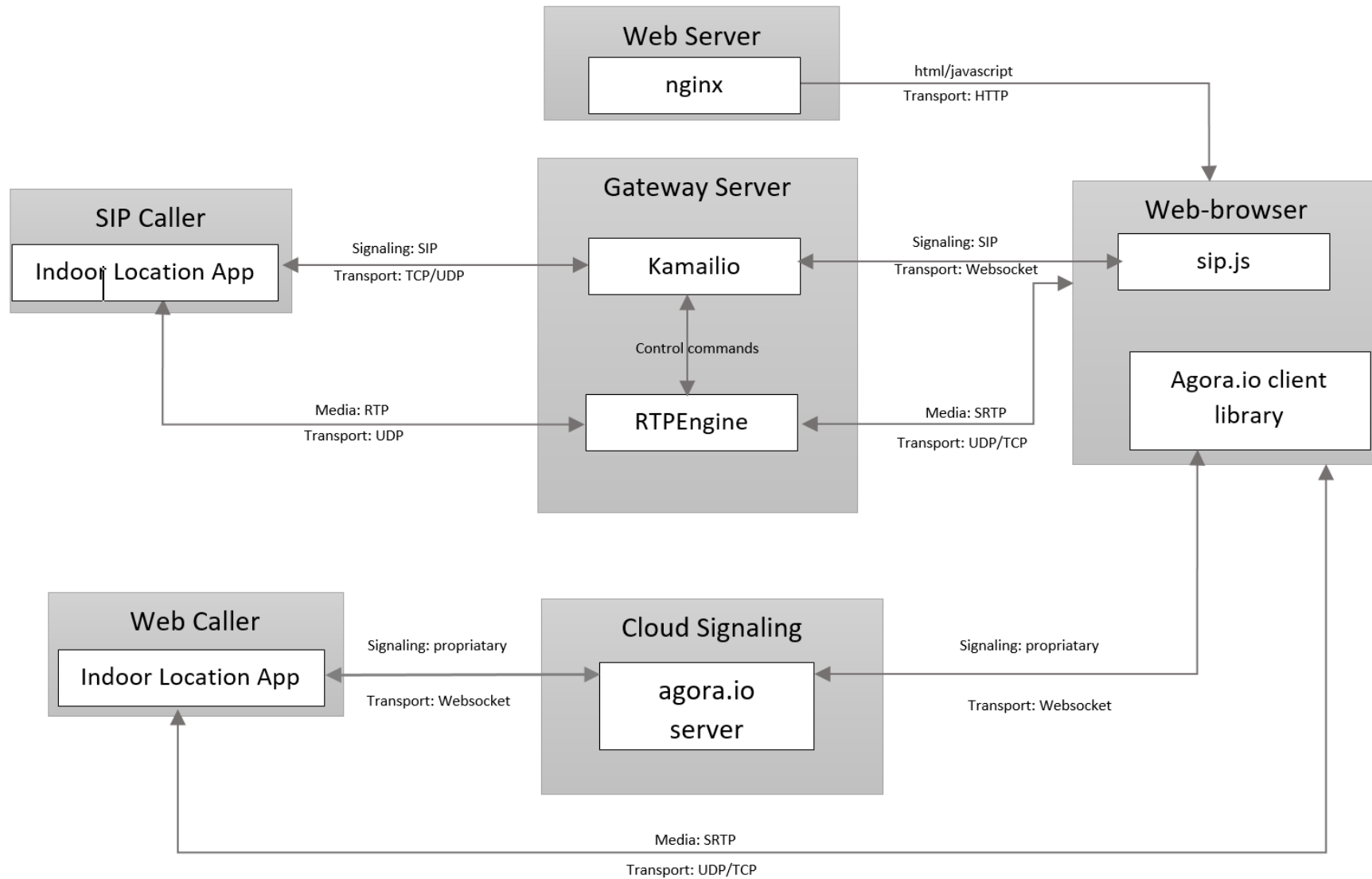
Current System



The system to be developed



WebRTC-PSAP Module



This Week-end work

We have to build a WebRTC Call taker page meeting some requirement which include the ability to:

- a. Handle a SIP over websocket call
- b. Handle a WebRTC call
- c. Display the caller Indoor Location information
- d. Display the geolocation information provided by the browser

Future Work

Build the web caller page which include the ability to:

- Request the Indoor Location Information
- Request the Geolocation Information
- Send all location information through the data channel