

Smart- GAT

Smart-GAT is our take at making tour to any place successful and fruitful. For a long time, most of us have come across problems such as while visiting any fort or palace we don't know where to go and which path to take to reach that spot which often end up asking people to guide us to our destination either in universities, colleges, workplaces, hospitals and most important tourist spots. Smart-GAT would help people to reach their destination with ease and without getting lost by taking wrong directions. It is an interface between the user and his destination. We are known to the fact that net connectivity is not everywhere and thereby solving this issue we are working on both online and offline. We looked at the possibilities to make this happen and we came up with two approaches. First comes the offline method. In this we are using RFID and LCD to display the history related to the place being visited and its significance. So far we are able to display the content and in future we would be working on adding audio capability to the device so that whole of the text could be converted to audio and is received via headphones so that the user could gain information and can experience the beauty of the place simultaneously.

For the online or say the smartphones/mobile variant, we are making an app that could scan the code thereby giving us the data regarding the object that we need to know. Till this point we have been able to make an app that is able to scan a QR code and give us the link. In future we would use this link to get the written data and the audio files regarding the object. If we are given support by the authorities, then we would make indoor offline maps available to the masses so that they could themselves know more about the interior of the places and where the things are located inside the premises of that particular place.

This hackathon is just a beginning and we would work on refining the hardware and software in order to generate a productive as well as knowledge giving experience for masses and help them know about what's around them in a more organised and ease manner.