Overview:

Tourism is one of the most benefitted areas of internet and its related progressive technologies. Smart tourism requires bringing together the various stakeholders in the tourism industry through a common platform of technology. Our idea focuses mainly on Rajasthan tourism as Rajasthan is very rich in its culture and heritage tourist spots which defines its beauty. It attracts tourists from all over the world. Whenever someone plan for a trip, he/she will search all the online options available. It is great to see that India has put a big step to move forward to become digital India and one can book everything online like flight, bus, cab and hotels. The only thing where we are lagging is , we do not have any platform to book online tickets for tourist spots.

Our whole idea is to facilitate a integrated e-ticketing portal which consist of both web and Smartphone app. In the proposed plan, all the places of Rajasthan will be listed in the web/app according to city and one can choose the places where he/she wants to visit. A person can book a trip and can buy tickets for all the places at ones which will save time and will be convenient for the masses. It will help to give attention to some less known places and will help government to smoothen their tourism industry and better yield in revenue earned by tourism.

We are aiming to make an integrated e-ticketing platform through which people can book there visit from home and can also plan their whole trip accordingly.

There will be no delay and hassle by standing in queue.

Principle of e-ticketing:

The e-ticket can be checked by inspectors just by reading an SMS message to prove the payment and validation of ticket via portable device. Electronic ticketing can be regarded as a payment system which enables a person to pay in a simple, secure and efficient way for a service used. Electronic ticketing is associated with travel and specifically with the use of a transportation service. The payment system is based on electronic information transferred between the various operators in the system. The customer obtains an electronic ticket medium (smart card) which is the storage location for electronic tickets. When a ticket is sold, it is registered in the ticket medium and validated before use. In connection with the sale and use of tickets, electronic information is stored and processed for the purpose of producing:
• Billing data;

• Revenue data;

• Statistics (about the sale and use of tickets).

Statistics of Rajasthan Tourism:

The tourism industry accounts for about 8.6 per cent of India's national GDP. The industry is the largest in the service category and Rajasthan has not been left behind. The State of Rajasthan still holds its mettle as the preferred destination for both domestic and foreign tourists. Tourism accounts for over 15 per cent of the Rajasthan's economy and attracts over 10 per cent of the foreign tourists visiting India annually.

In 2017, the number of tourist arrivals in Rajasthan was 47.5 million. Of this number, 45.9 million were domestic tourists while foreign tourists aggregated to about 1.6 million. In fact Rajasthan registered an average annual tourist arrival growth rate of 7% in foreign and 11% in domestic tourists. These figures are an indicator of a booming and promising tourism sector in Rajasthan.

If we can provide e-ticketing platform to tourists then it can beat all other tourist places with promising increase in number of tourists.

Problems faced due to unavailability of e-ticketing system:

- Tourist do waste a lot of time standing in queue which can be used for visiting places , specially foreign tourists who do not have much time to visit every place. They want their tour tireless and smooth. E-ticketing can save time and can visit more places.
- Another problem is availability of cash. The current ticketing system deal in cash only due to which people face a lot of problems of not having cash or change.
- The current ticketing system uses paper ticket which is not good for environment and e-ticketing can provide paperless transaction and can help for green India.
- Currently we do not have any system which can predict the number of tourists going to visit on a particular day or month in a place. If we do have e-ticketing system, we will be having an exact number which can help us to manage crowd at tourist spots, traffic in that city and can work for better infrastructure.
- Currently Rajasthan government faces a big problem to collect the information about the exact number of tourists visiting in a particular year and how many are local and how many foreigners. If we do have a e-ticketing system then from Android app Government can collect exact data and can make better plans for next financial year to make services better and to increase number of tourists.

- Some places in Rajasthan are very beautiful but they are not very famous. Due to this , they do not get tourist's attention. Our app will provide the list of all those places so people can plan to visit them. It will help to develop those places.

Pros of E-ticketing:

- **No need to stand in queues to take ticket and hassle free ticket booking and will also save manpower**
- **Paperless transactions to support digital and Green India**
- **It will pay tourist's attention towards less known places and will help to groom Rajasthan tourism more efficiently**
- **It will help authorities to manage a huge number of crowd smoothly**
- **As the number of tourists visiting on a particular day will be known prior, so authorities can manage accordingly and can manage city traffic smoothly**
- **As it will provide ease in ticket booking, tourist can save their time to travel more places which will generate more revenue for government.**
- **Government will be able to collect data of tourists easily which will help government to make better plans**
- **In our android app, we will provide location service which will help people to explore nearby places.**

Summary:

All facts and information shows that we really need e-ticketing system badly. As I have mentioned only pros of e-ticketing system because I don't see any cons of it. It will help tourists, it will help government, it will help local people and authorities too. So it is better to make a e-ticketing system with an attractive android app today so tomorrow will be better for our state. Day by day queue will increase at ticket counter which can make tourist frustrate. So we should not wait for the day when condition go out of control and should make a step forward in the way of e-ticketing and a better trip experience who come to visit our state.