**Agri Tourism**

**Abstract: -**

To improve agricultural wetlands conservation and development, a wide range of positive measures should be undertaken. Sustainable tourism in agricultural wetlands, when properly managed and developed, plays a major part in protecting wetlands and supporting those working in and around wetlands through jobs and increasing incomes. The system will communicate with the farmers to visit their fields and the user will gain the knowledge in crop science. The culture of the villages. Lack of capacity of receiving tourists, viewable product processing and valuable farm commodities, and well-educated practitioner are barriers to effective development of agri-tourism in wetlands. In consideration of agricultural wetland characteristics, these barriers can be overcome with government rational plans, visit able plants and take-away commodities, and professional practitioners’ cultivation.

**EXISTING SYSTEM:**

Now a days the people don’t know the science of crops, the system will explain the theoretical terms for the students. The farming growth is also reduced. The Existing system will be the user can view the details of the crops and the user have to search for that places that is not possible for the user.

**Disadvantages:**

* Today most of people don’t know farmer.
* The interested people also not able to connect with farmers.
* The proper location of farmer is not able to find.

**PROPOSED SYSTEM**

The proposed system the user will register and view framers crops and the details of farmer and book the slots to spend time with framer by providing the details of the date and no. of. persons and no. of. Days. The farmer is going to view that details and the farmer will accept or reject the booking.

**Advantages:**

* It is inexpensive as the cost of food, accommodation, recreation and travel is least in the agri-tourism due to occurrence in natural setting.
* The urban population are developing interest in agriculture as they are having roots in villages which is making them curious to learn rural lifestyle.

**SYSTEM REQUIREMENTS**

**H/W System Configuration:**

* CPU type :    Intel Pentium 4
* Ram size                     :    8 GB
* Hard disk capacity       :    1TB
* Monitor type                :    15 Inch color monitor
* Keyboard type             :     internet keyboard
* Mobile : ANDROID

**Software Requirement**

* Operating System :  Android
* Language          :  Kotlin
* Back End                    :   My SQL, php
* Ide Android studio

**LEARNING OUTCOMES**

* About Android Studio.
* Android architecture.
* Basic about java.
* Basic about MySQL.
* Knowledge about server-side programming.
* Difference between client side and server-side programming language.
* Knowledge about server.
* Knowledge about database and queries.
* Knowledge about API.
* How to communicate with API.
* How API Communicate with Server.
* What are Packages and dependencies regarding the app?
* What are various versions of android app and android operating system?
* About Android studio.
* Client-side validation.
* Server-side validation.
* Difference between client-side validations.
* Different Debugging Technique’s.
* What is manifest?
* About XML.
* Widgets in android.
* Views in android.
* Layouts in android.
* How to design the user Interface.
* About activities.
* Recycler view formation.