**AGRIBOOK**

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**Introduction:**
Agriculture is a backbone of Indian economy and it is primary sector of country. Smallholder farmers face many challenges competing in the global marketplace. One major constraint is the lack of access to information and communications, which could be used to make decisions and reach new markets. 

AgriBook is a platform for farmers to make their transaction easier and to enhance their knowledge through the online AgriBook website. We appreciate the power of social media in this digital era.

Now a day’s so many websites are available for the farmers for their use like to make transactions and for getting the useful knowledge, but most of these websites are not able to allow the users to share their new ideas and thoughts among themselves. If a farmer wants to share his new experiments which are done by them, it is not available in the existing website. There are many websites which only provides features like transaction and information about crops.

Websites like
- [www.indiaagristat.com](http://www.indiaagristat.com) provides comprehensive source for Indian agriculture statics which is regularly updated. It also provides agriculture news.
- [www.indiancommodities.com](http://www.indiancommodities.com) website provides information about selected crops. This site requires registration login and payment.

**Objective:**
The objective of the Project is to design and develop “AgriBook”, it’s a platform for farmers to make their transaction easier and to enhance their knowledge through the online AgriBook website. It is a website which serves as a common source of information to the farmers as well as common users. It also provides a platform where the farmers can upload the new ideas, images and thoughts related to the agriculture and it also provides a platform where seller can have an option of letting their crops for bidding.

A well designed social website with the interacting platform to achieve connectivity between the farmers and specialists and also connectivity between buyers and sellers by
providing online bidding feature. Only the Administrator can upload and modify the information related to the agriculture except the posts uploaded by the users.

**Methodology and Materials**

Tools Used:
- Web server – Xampp
- Database platform – Phpmyadmin
- Editing Tool – Notepad++

Technologies used:
- HTML – Hyper Text Markup Language
- Java Script – Script Language
- CSS – Cascading Style Sheet
- PHP – Hypertext Preprocessor
- Database – MySqL

After every user logs in they can able to see his home page, it contains posts which are uploaded by the every user. They can able to see the features which can be allowed to access. The home page of admin gives the complete idea about tasks which have to be done by the admin.

In profile, each user can able to see their own profile details which are given while registering to the website. Each user will be having an edit option where the user can change his all profile details except aadhar number and mobile number.

Provides information about soil testing centers which can allows the farmers to know about their land soil and crops that can be grow in more profitable way. Marketing centers information is also available so that users can have the knowledge of nearest marketing centers and which crops are available currently for transaction.

Users may have their own thoughts and ideas but they don’t have opportunities to share those ideas. In post feature, users will get an amazing opportunity to share their new ideas and experiments, thoughts related to agriculture and they will be having a chance of uploading images that are related to the agricultural aspects. Users can make transaction either by directly contacting the buyers or bidding on crops. Direct transaction can be done by directly contacting the buyers through the information available.

In online bidding, farmers who want to make their crops for bidding will upload the crop details and the one who wants to buy those crops will bid for those crops. Admin will validate and confirms the information regarding the winner of the bidding. In post feature, users will get an amazing opportunity to share their new ideas and experiments, thoughts related to agriculture and they will be having a chance of uploading images that are related to the agricultural aspects. The posts which are uploaded by each user will be validated by the admin and only if he permits then only those posts are displayed on website.
Results and Conclusion:

Home

Login

User portal

Cultivation

Harvest

Nature itself is a best physician.
This Project will help to provide a fair chance to all the farmers get the essential information about crops, marketing centers and also soil testing centers and experts’ information. The major advantage is that users can share their own ideas and thoughts by posting them on website, but all the posts are validated first by the admin before displaying on every user’s homepage. The main is to make the transaction profitable, thus farmers can let their crops for bidding and buyers who make the highest bidding will get the chance of winning those crops.

Scope for the future work:

In future, the scope of this system can be increased by adding the extra various functionalities like the language which is used here is not familiar to all the users, so implementing Kannada language is our future scope. One more feature is that, any notifications that are important will be made to convey to users mobile number. These are the future scopes for this system we are planning to work on.