KISSAN CONNECT

Abstract

While eating out in restaurants is a treat for many families. You receive benefits in the areas of nutrition, health and economics when you limit dining out and begin eating your very own homemade food. Eating at home allows you to control the ingredients in your food, so you can use natural ingredients instead of unhealthy processed foods. Processed foods, frequently served in restaurants or available in premade meals from the grocery store, tend to be high in sodium, fat and added sugars. Eating homemade foods lets you add in more fresh fruits and vegetables to your diets so that you can focus on all-natural ingredients. This system help you to prepare healthy vegetables at home, so you can prepare food using this vegetables. In this system, the farmers can register through the site the site, the administrator approve the Farmers. The seeds are giving through the user by the krishibavan. The experts help the users to give instruction while farming. The users can also ask questions through this system. The experts give reply to the farmers. The experts of the system are farming officer, agricultural experts etc. The system also help farmers earn money. Growing your own fruits and vegetables will save your money at the grocery store.the extra vegetables can be sell using wholesale marketing or retail marketing. The vegetables sell at one place like restaurant or vegetable store called wholesale marketing and sell directly to the customers is the retail marketing.

Users and module description

The various user classes that are expected to use the proposed system are:

Admin

Admin can approve or reject experts . Also he/she can add/remove available services and feedbacks provided to the farmers

Expert

Expert is one of the main user of the system who is responsible for responding to the farmer queries and they can manage their findings.

Farmer

Farmer can register into the system and clear their doubts in various fields in agriculture and they can view the findings uploaded by experts and they can view available services at krishibhavan and add their products .

Table design

1.Table Name : tbl_allproduct

Table description : Table contains all product details

Field name	Data Type	Size	Constraints	Description
pid	int	10	Primary key, auto increment	Finding Id
fid	int	10	Foreign key	Farmer id
category	varchar	50	Not null	category
pname	varchar(50)	50	Not null	Product Name
quantity	int(10)	10	Not null	quantity
price	float		Not null	price
image	varchar(100)	100	Not null	Path to product image

2.Table Name : tbl_farmer

Table description : Table contains farmer details

Field name	Data Type	Size	Constraints	Description
farmerid	int	10	Primary key, auto increment	Farmer id
fname	varchar	50	Not null	Name
faddr	varchar	100	Not null	Address
fdistrict	varchar	50	Not null	district
fstate	varchar	50	Not null	state
fcontact	varchar	10	Not null	contact
femail	varchar	50	Foreign key	Email

3. Table Name : tbl_feedback

Table description : Table contains feedback details about experts

Field name	Data Type	Size	Constraints	Description
feedid	int	10	Primary key, auto increment	Feedback Id
farmerid	int	10	Foreign key	Farmer id
feedback	varchar	100	Not null	feedback
reply	varchar(50)	50	Not null	reply

4.Table Name : tbl_finding

Table description : Table contains expert finding details

Field name	Data Type	Size	Constraints	Description
findingid	Int	10	Primary key, auto increment	Finding Id
expertid	int	10	Foreign key	Expert id
fnote	Varchar	100	Not null	Path to finding file
fdescri	varchar	100	Not null	Reply
uplddate	date		Not null	Upload date

5.Table Name : tbl_login

Table description : Table contains user login details

Field name	Data Type	Size	Constraints	Description
loginid	int	10	auto increment	loginid
username	varchar	100	Primary key	username
password	varchar	50	Not null	password
usertype	varchar	50	Not null	User type

6.Table Name : tbl_query

Table description : Table contains farmer query details

Field name	Data Type	Size	Constraints	Description
qid	Int	10	auto increment, Primary key	Query id
fid	int	10	Foreign key	Farmer id
catid	int	10	Foreign key	Category id
query	varchar(100)	100	Not null	query
qdate	date		Not null	Query Uploaded Date

7. Table Name : tbl_queryreply

Table description : Table contains farmer query reply details

Field name	Data Type	Size	Constraints	Description
grid	int	10	auto increment, Primary key	Query id
qid	int	10	Foreign key	Query id
exid	int	10	Foreign key	Expert id
reply	varchar	100	Not null	reply

qrdate	date		Not null	Query replying Date

8.Table Name : Farmer_registration

Table description : Table contains details about farmer registration

Field name	Data Type	Size	Constraints	Description
F_regid	int	10	auto increment, Primary key	Farmer registration ID
Name	varchar	50	Not null	Name
DOB	date		Not null	Date of Birth
Gender	varchar	20	Not null	Gender
Address	varchar	100	Not null	Address
Mob no	int	10	Not null	Contact
Username	varchar	100	Not null	Username
Password	varchar	50	Not null	Password

9.Table Name : Expert_registration

Table description : Table contains details about expert registration

Field name	Data Type	Size	Constraints	Description
E_regid	int	10	auto increment, Primary key	Expert registration ID
Name	varchar	50		Name
DOB	date		Not null	Date of Birth
Gender	varchar	20	Not null	Gender
Address	varchar	100	Not null	Address
Mob no	int	10	Not null	Contact
Username	varchar	100	Not null	Username
Password	varchar	50	Not null	Password
Current designation	varchar	50	Not null	Current Service

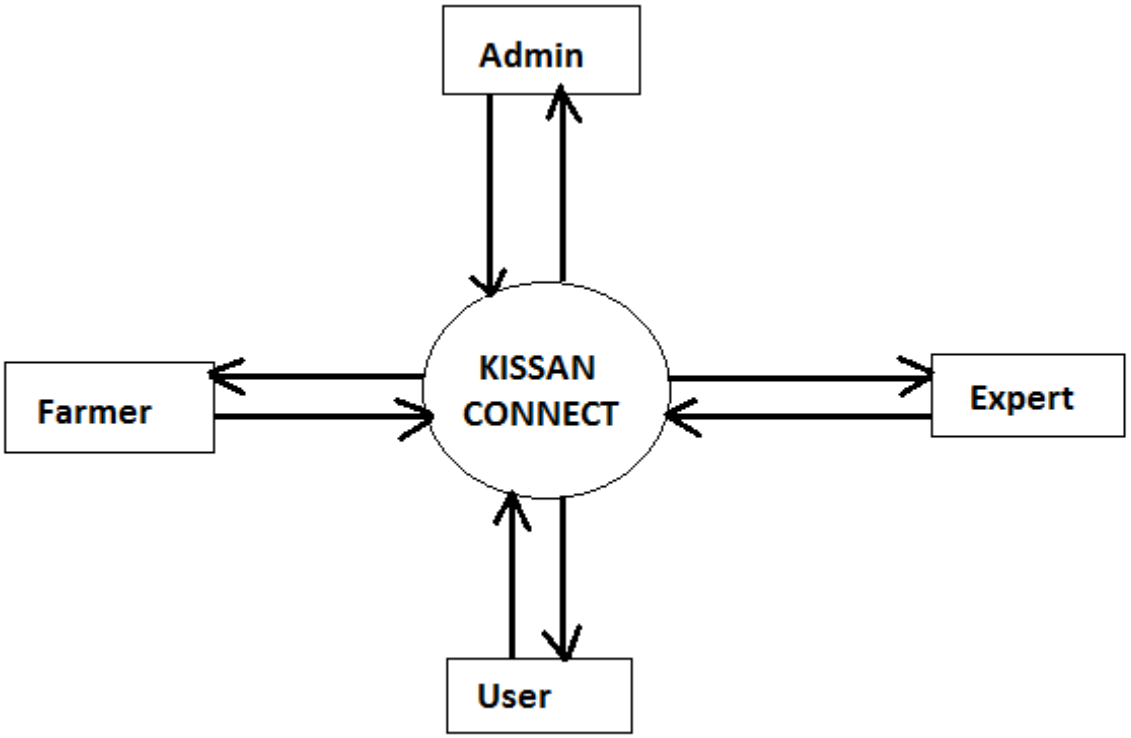
10.Table Name :tbl_services

Table description : Table contains details about services provided.

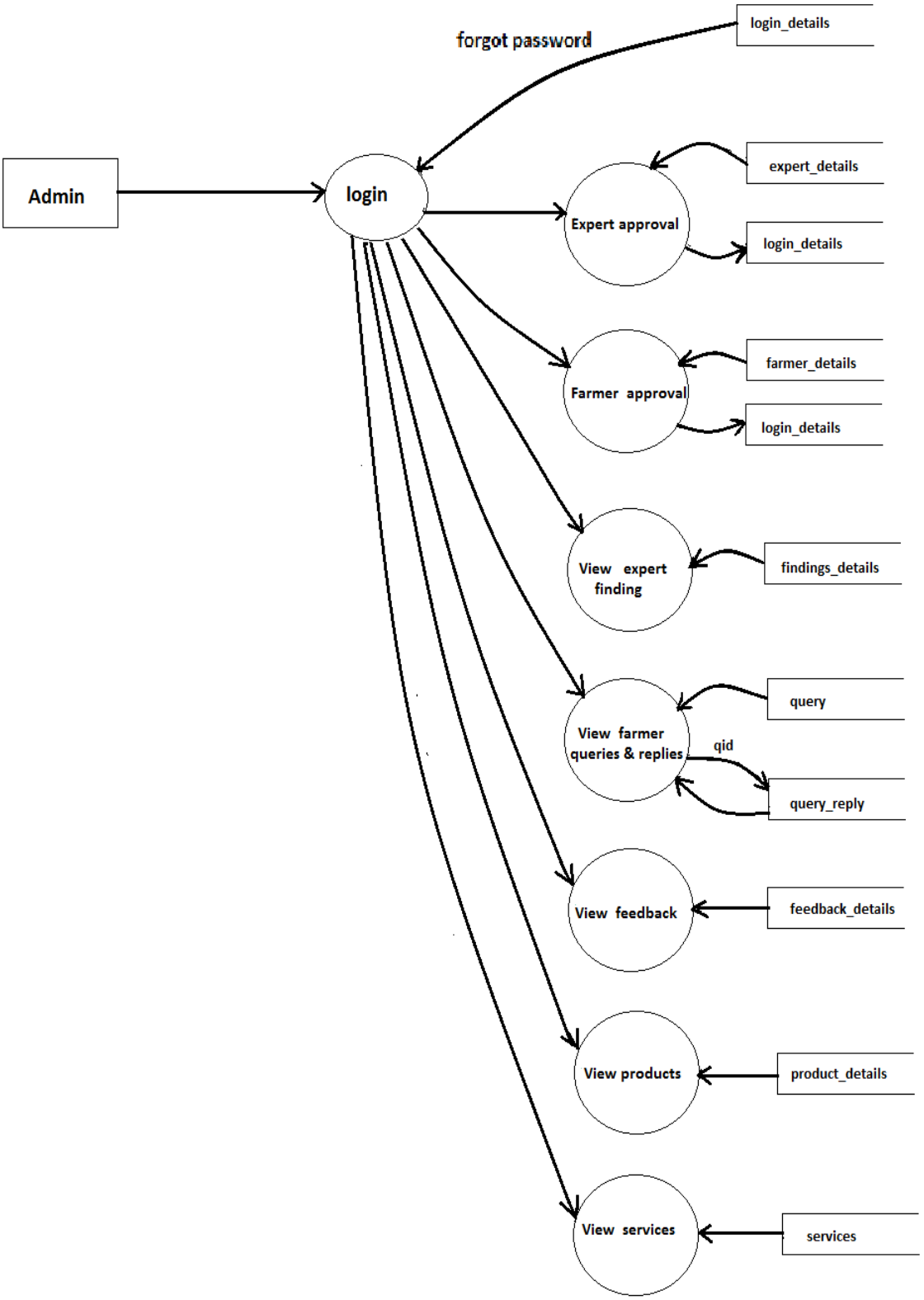
Field name	Data Type	Size	Constraints	Description
Type_of_service	varchar	100	Not null	
service_id	int	10	Primary key	
count	int	10	Not null	
Available_from	date		Not null	
Available_till	date		Not null	

DATA FLOW DIAGRAMS

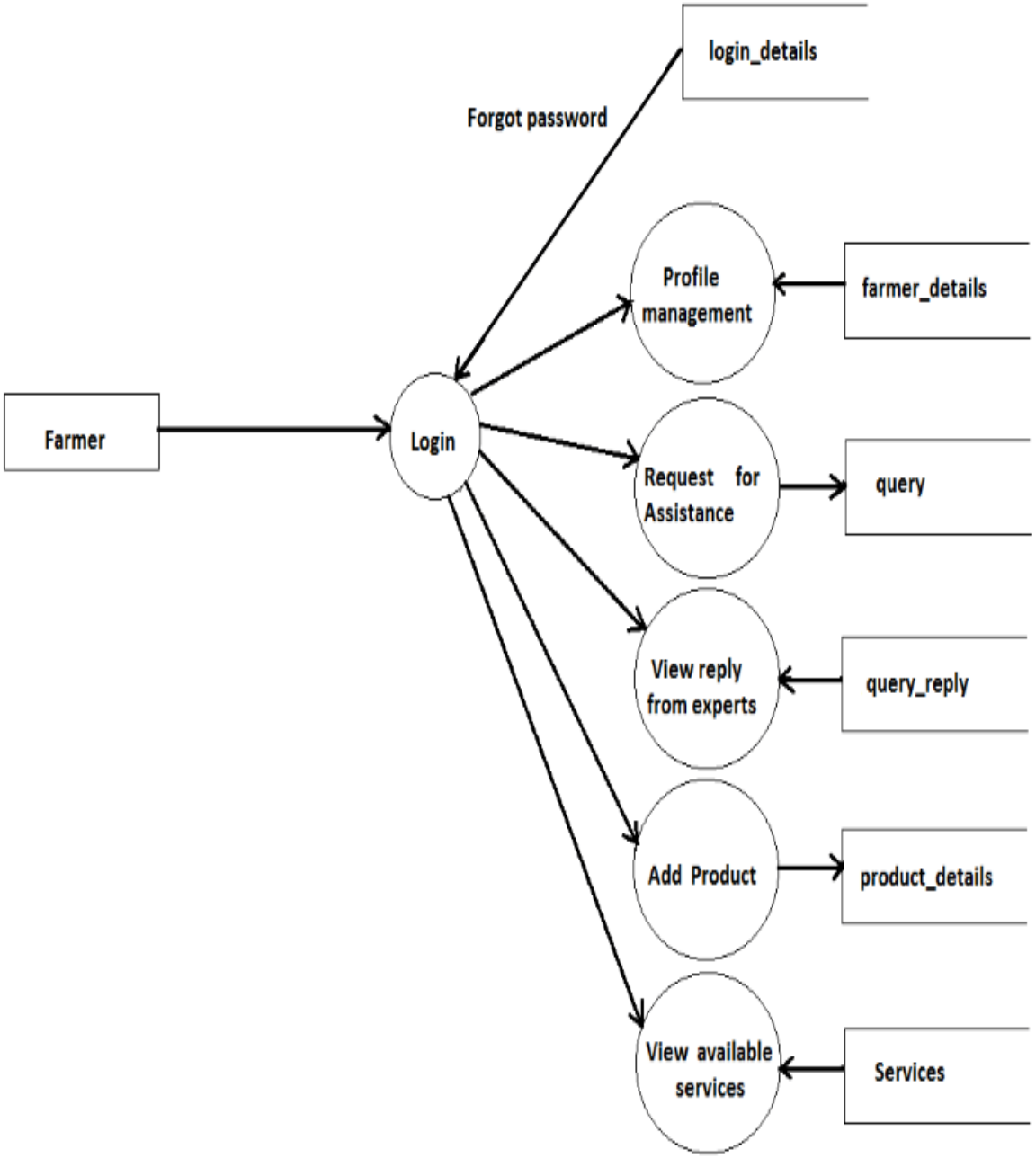
LEVEL - 0



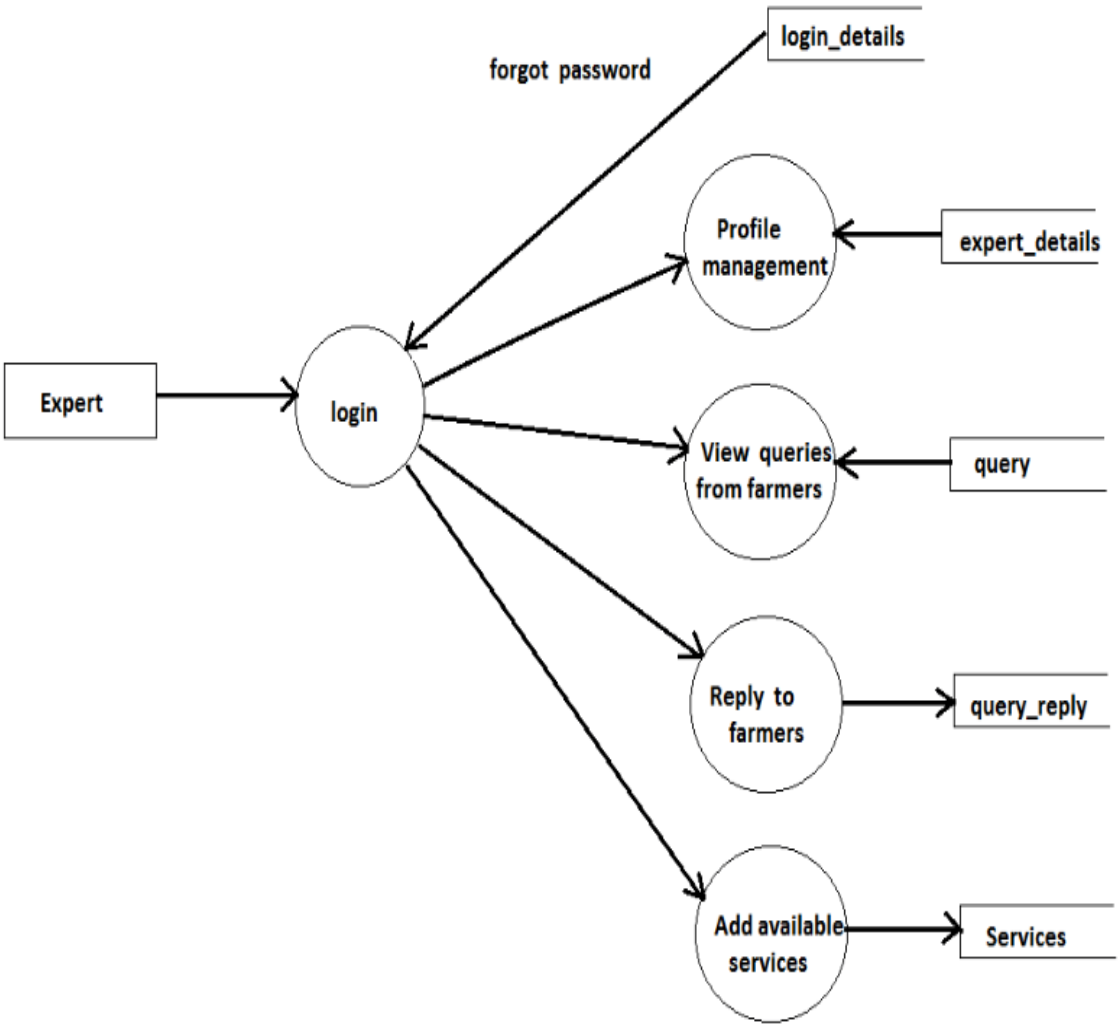
LEVEL -1


Admin
login
forgot password
login_details
Expert approval
expert_details
login_details
Farmer approval
farmer_details
login_details
View expert finding
findings_details
View farmer queries & replies
query
qid
query_reply
View feedback
feedback_details
View products
product_details
View services
services

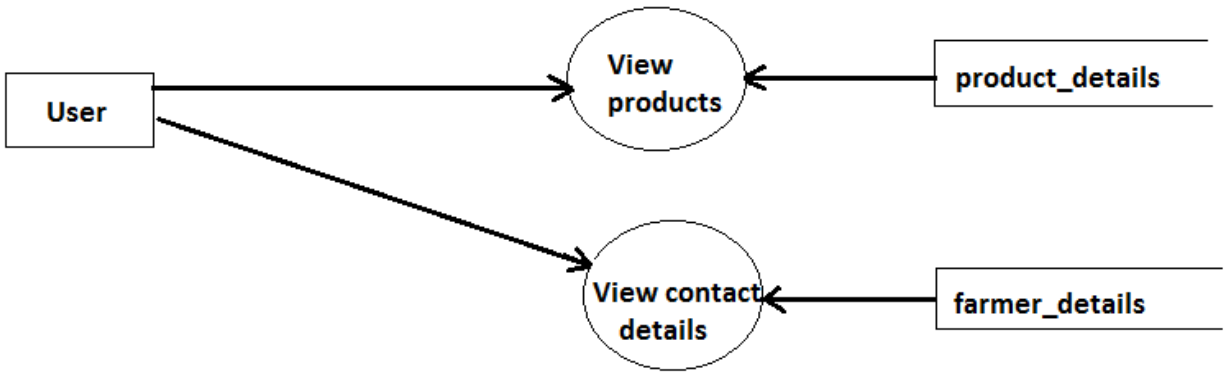
LEVEL-2


login_details
Forgot password
Profile management
farmer_details
Farmer
Login
Request for Assistance
query
View reply from experts
query_reply
Add Product
product_details
View available services
Services

LEVEL -3


login_details
forgot password
Profile management
expert_details
Expert
login
View queries from farmers
query
Reply to farmers
query_reply
Add available services
Services

LEVEL-4


User
View products
product_details
View contact details
farmer_details

Product backlog

PRODUCT BACKLOG		
SI No.	Requirements	priority
1	As a farmer I can update my profile details	3
2	As a farmer I can request for assistance	9
3	As a farmer I can view reply from experts	18
4	As a farmer I can add products	10
5	As a farmer I can view available services	8
6	As a farmer i can add feedback about experts	9
7	As an expert I can update my profile details	4
8	As an expert I can view queries from farmers	15
9	As an expert I can reply to farmers	16
10	As an expert I can remove uploaded findings	19
11	As an expert I can view uploaded findings of my own	21
12	As a user I can view products available	13
13	As a user I can view contact details	14
14	As an admin I can accept/reject farmers	1
15	As an admin I can accept/reject experts	2
16	As an admin I can accept/rejec experts findings	17
17	As an admin I can view farmer queries & replies	11
18	As an admin I can view feedback	22
19	As an admin I can view products	12
20	As an admin I add services	5
21	As an admin I view existing services	6
22	As an admin I remove existing services	7

Sprint backlog

SPRINT BACKLOG (Cucia)

NO.	Duration Period	Work to be done
1	nov 29 - dec 4	
		decide a topic
		decide language on which website is creating
		decide hardware and software requirements
		discuss modules and functionalities of each modules
2	dec 6 - dec 11	start designing of dfd and tables
		download necessary software and template
		related to agriculture
3	dec 13- dec 18	keep track of daily sprint
		make a product backlog and sprint backlog
		create a repository in git
4	dec 20- dec 24	create database and tables
5	dec 27- dec 31	made changes to the index page of website
		complete home page and form design for
		registration and login

SPRINT BACKLOG (Jinsa)

SI NO.	Duration Period	Work to be done (admin mod
1	nov 29 - dec 4	decide a topic
		decide language on which website is creating
		decide hardware and software requirements
		discuss modules and functionalities of each modules
		start designing of dfd and tables
2	dec 6 - dec 11	download necessary software and template
		related to agriculture
		keep track of daily sprint
3	dec 13- dec 18	make a product backlog and sprint backlog
		create a repository in git
		create database and tables
4	dec 20- dec 24	
		made changes to the index page of website
5	dec 27- dec 31	complete home page and form design for
		registration and login
		design admin home page
6	jan 3-jan 8	make changes to admin dashboard
		complete form design for adding services available from krishibhavan
7	jan 10 - jan 15	write connection code for approval/rejection of farmer and expert
		try to complete all the functionalities of admin including
8	jan 17 -jan 22	feedback view,add services,remove existing services,
		view queries from farmers and approve reply/findings from experts

SPRINT BACKLOG (Sreelekshmi)

SI NO.	Duration Period	Work to be done
1	nov 29 - dec 4	
		decide a topic
		decide language on which website is creating
		decide hardware and software requirements
		discuss modules and functionalities of each modules
2	dec 6 - dec 11	start designing of dfd and tables
		download necessary software and template
		related to agriculture
3	dec 13- dec 18	keep track of daily sprint
		make a product backlog and sprint backlog
		create a repository in git
4	dec 20- dec 24	create database and tables
5	dec 27- dec 31	made changes to the index page of website
		complete home page and form design for
		registration and login
6	jan 3-jan 8	design expert home page
		write code for expert registration
7	jan 10 -jan 15	write connection code for expert login
8	jan 17- jan22	plan to code for query replying to farmers

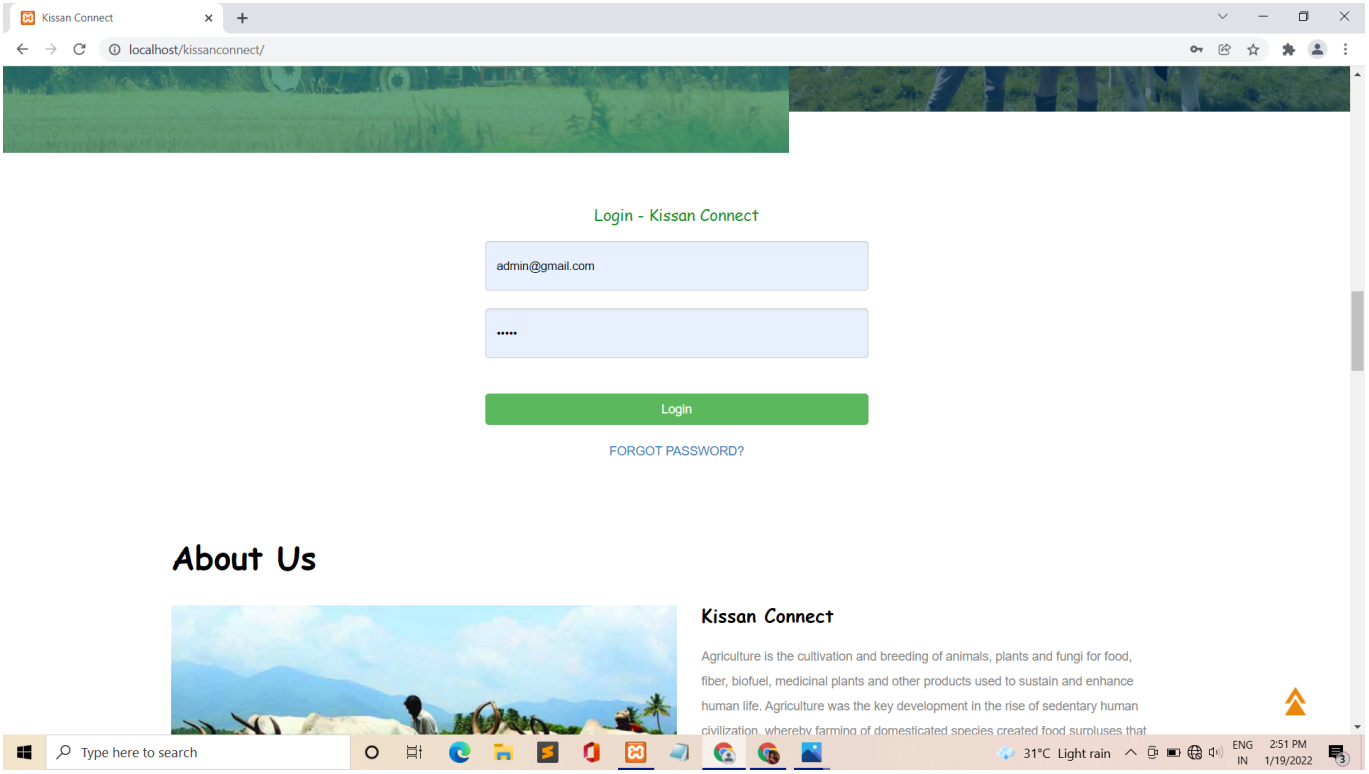
DAILY SPRINT

Date	Work done
30 Nov 2021	team members discussed various topics.
	try to select one or more topics to suggest it to the project guide
1 Dec 2021	meet the project guide . guide suggested to
	submit a rough idea about the modules and functionality of each modules
3 Dec 2021	scheduled a meeting in google meet and discussed
	the modules and its functionality
4 Dec 2021	the zeroth review were conducted .each team member presented
	the contents assigned to them .
	according to the suggesion proposed in zeroth review
	,made some change in presentation slides
7 Dec 2021	discussed about database design and forms
	draw a rough design
8 Dec 2021	meet project guide and submit the rough design.
	suggested to keep a rough record doc and submit the
	DFD and table desing

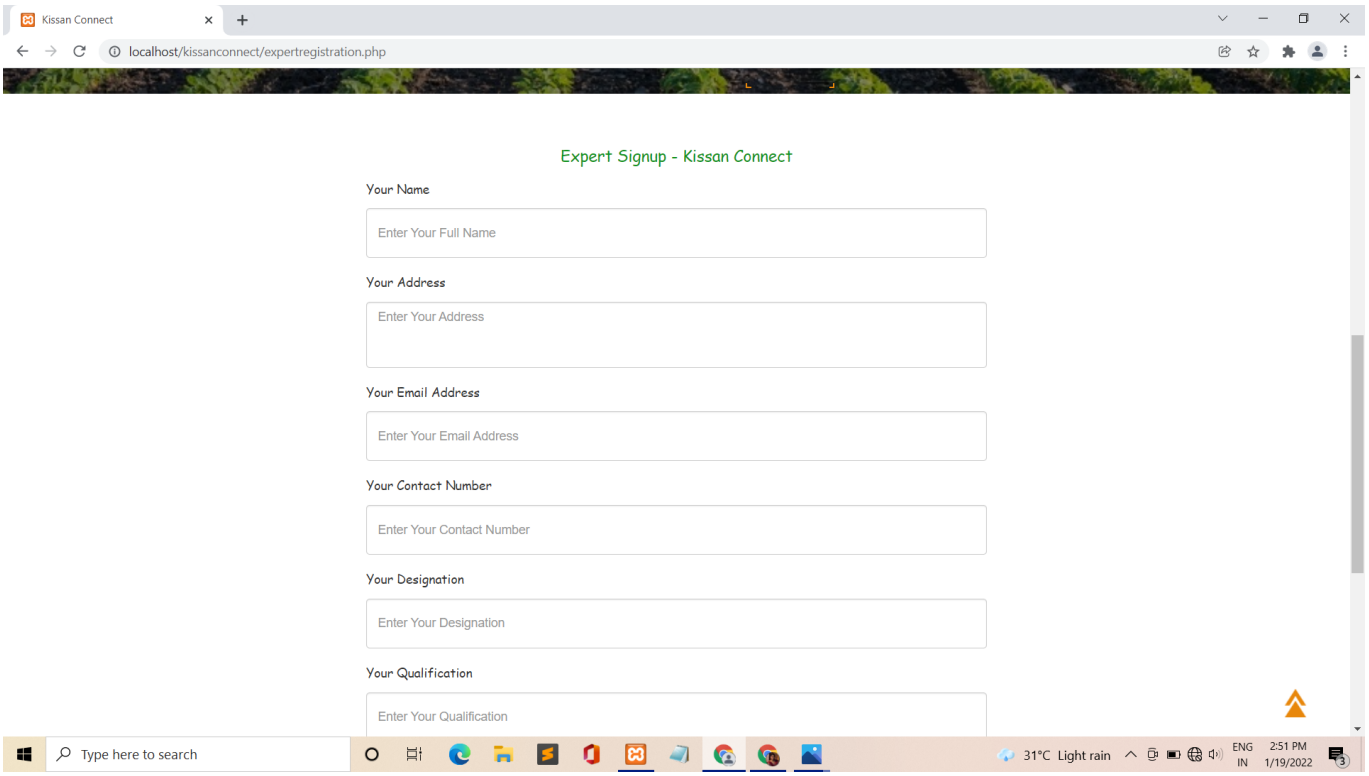
10 Jan 2022	edited admin dashboard
13 Jan 2022	coding done for approval or rejection of farmer
	and expert
14 Jan 2022	form designed to add services from krishibhavan
	coding done to display existing services and remove services
17 Jan 2022	complete functionalities of admin coding completed

Form design

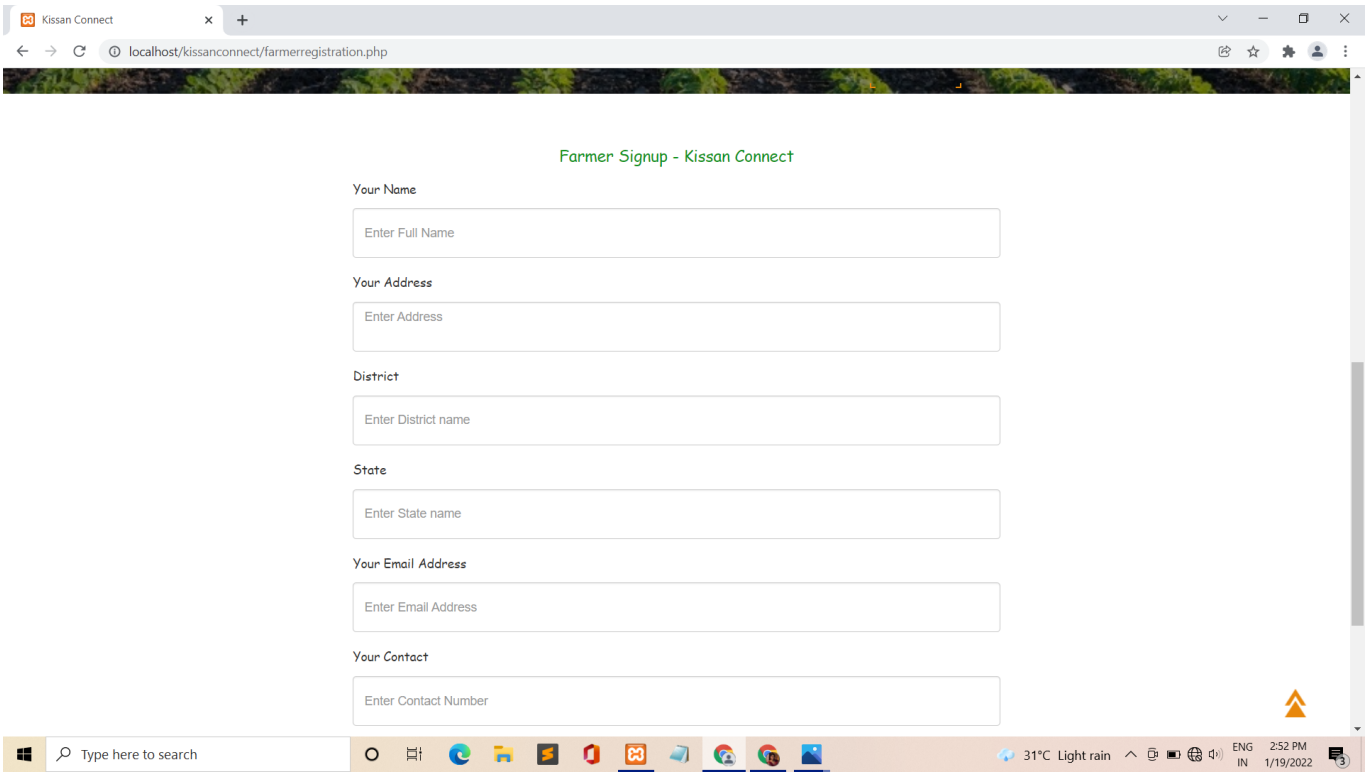
Login form



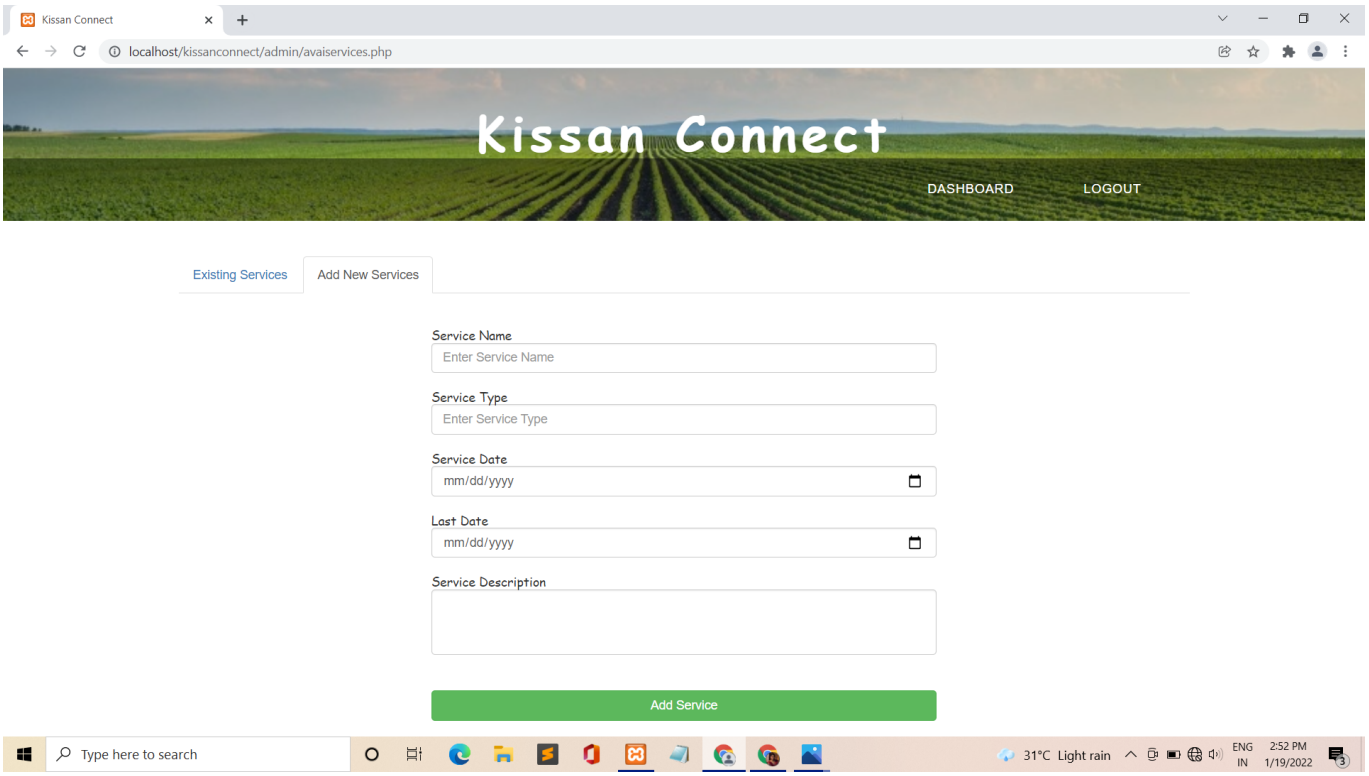
Expert registration



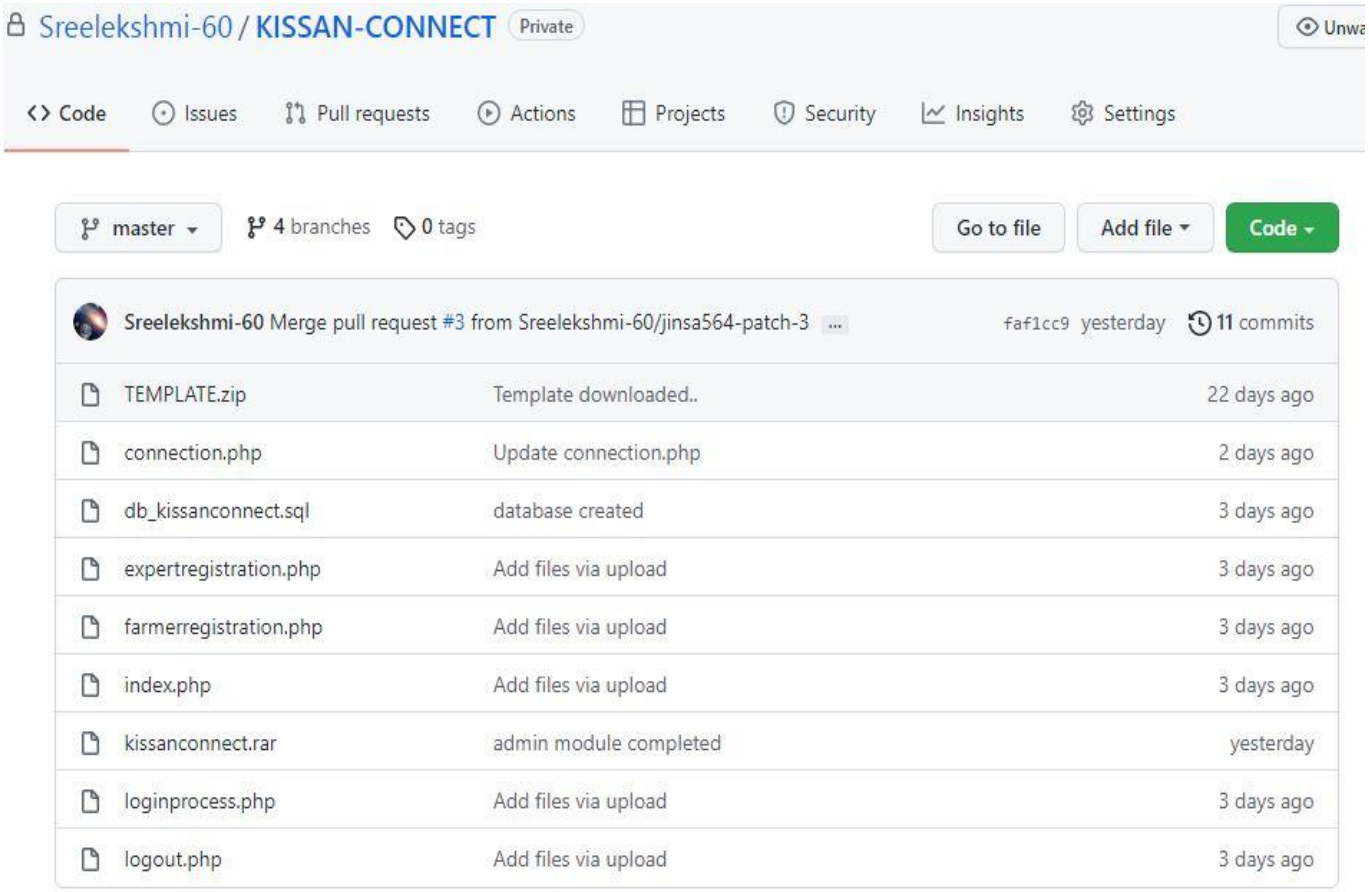
Farmer registration



Add services



GIT HISTORY


Sreelekshmi-60 / KISSAN-CONNECT
Private
Code
Issues
Pull requests
Actions
Projects
Security
Insights
Settings
master
4 branches
0 tags
Go to file
Add file
Code
Sreelekshmi-60 Merge pull request #3 from Sreelekshmi-60/jinsa564-patch-3
faf1cc9 yesterday
11 commits
TEMPLATE.zip Template downloaded.. 22 days ago
connection.php Update connection.php 2 days ago
db_kissanconnect.sql database created 3 days ago
expertregistration.php Add files via upload 3 days ago
farmerregistration.php Add files via upload 3 days ago
index.php Add files via upload 3 days ago
kissanconnect.rar admin module completed yesterday
loginprocess.php Add files via upload 3 days ago
logout.php Add files via upload 3 days ago