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CSE-A

PLANT STORY

JAVA GUI PROJECT

ABSTRACT:-

This project "plant story" is an onling nursery Store, where you can explore different kinds of plants. When we go to a nursery we may not find all the plants we want, and we may also have a doubt weather a particular plant grows in our location or not. But when we ask the shopkeeper, he will nod his head simply for everything we ask. Later when we come home taking our plant and pot in, keep it in a desired place and after few days we see our plant shedding. We get dissappointed and when we ask the shopkeeper he will simply say that we have not taken proper care. We will be left answer less. This happened personally with me. So avoid all those circumstances, I introduce 'plant story', where you got to know info about each and every plant, the care you need to take. This will allow you to have a understanding about plant, before you buy them.

INTRODUCTION :-

'Plant Story' is a very friendly and Usefull application which is apt for everyone and especially plant lovers. This is a Basic nursery shopping Application, where user can find Various types of plants Based on their Location, Season, Conditions etc.. This makes user very easy to Search for their required Plant without much efforts.

This Application is designed very attractively. This gets the user very first imprenion. Due to this advantage, if there exsists any flaws (or) Bugs they donot over the users feeling and thus we will have a nice feedback. This is the time we need to change to Online shopping. This will help many people to get employment. There will be not frauds, nofalse Statements or false words which will dissapoint us later. Even the prices are very reasonable compared to other platforms. This will let you know various news related to plants Something like newsfeed. News from all over the world. There is no need of prelogin, user can directly checkout where his information would be made used in the future.

RELATED WORKS/LITERATURE SURVEY:-

Basically, this project is adopted from daily thoughts. I personally faced many problems as I am a plant lover, I want Various types of Plants in my house atleast One of a kind. But I bought many Plants and later they sheeded and I got dissapointed. So to over Come this problem, I have developed this application, where you get to know details about every plant you buy and the care that has to taken to protect the plants.

Initially I have not Serveyed anything But later on, I Saw few websites which are Similar to my application. But honestly they are not as effective as mine. Most of the Websites have discription about the plant like where is the plant Originated or what is its biological name. But the lack the Very Basic information that is 'Care'. Like what care has to be taken, where all Can the grow and all.

I, personally felt that the applications are not Providing correct information required by the user. But they are very good as far as of working and other info. "These websites you can find easily in google Like plant shopping and all". Even coming to the price they charge very high. The are Simply looking into Business. So what I taught is to make a different application that provides user with the information they want.

I, researched on what basis plants are classified or on what basis are costumers willing to Buy the plants and all. Based on this info I have Categorised into five different types. Most of the websites they directly go into Main Page like in particular there is no category or Something as far as I have browsed.

This application is purely meant for plant lovers and not for Business. We have a very reasonable rate and it is a very attractive application on the whole.

PROBLEM STATEMENT/OBJECTIVE :-

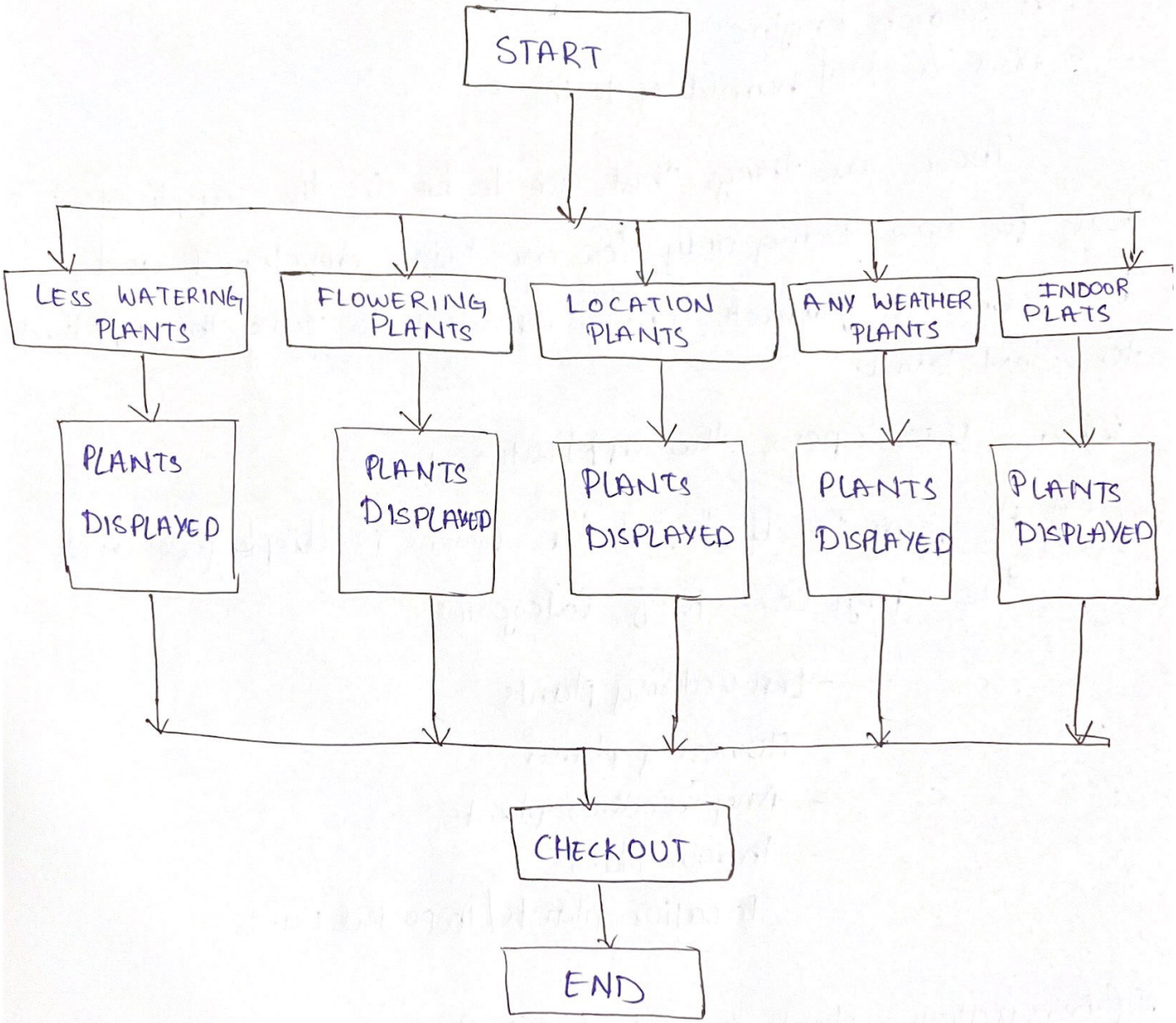
"The objective of this project/application is to Built a platform of online ~~Bu~~nursery where user can buy different plants Based on their desire."

This Application is for those who wish to have different kinds of plants But donot Know how to care them. 'Growing plants is an Art'. The first thing is this application doesnot have a login Page. This will have a direct checkout form where it asks the user to enter details. The details are then stored into database, When the User checks out.

It will have 5 various Categories. Same kind of plant may be there in one or more Categores. When he selects it will show the plants available and final step is checkout. It is a very simple proccess. This application is designed in Such way to be the game changer. To be a Simple application that Can be used by anyone. Application is explained in detailed in next page.

PROPOSED SYSTEM:-

A Basic Idea of this application / working of this application is shown Below:-



Initially what was the application that is on the board is that it must have:-

- Different Categories of plants
- A Plant news feed.
- A Search engine
- And a Soil humidity testor.*

These are things that are to be in the application. But for time being only few are being developed and based on the feedback, I have decided to take this Applicati to next level.

When user opens the application:-

1) A page is displayed / a frame is displayed and the page consists of Categories.

- Less watering plants
- flowering plants
- Any weather plants
- Indoor plants
- location plants / imported plants.

if (Less watering plants is Selected) {

A text area is displayed with the information and care to be taken about these plants.

Below the text Area two button :- (EXPLORE), (BACK).

if (~~or~~ Back is selected) {

The user go backes to main page and select one more Category.

}

if (explore is selected) {

The user enters into the Less watering plants page and he can select the plants. There will be a 'review button', which opens the cart and shows total plant and cost till now.

After finishing his shopping he can click on checkout Button.

if (checkout is selected) {

A form is displayed to enter his details and the details are stored in database for further use. After filling the form he can click 'ok' to exit the application

}

}

}

So this is the Basic Algorithm of this Application and how user can interact with it. Once we use the application you can have a clear view on how it works. As said before based on feed back, the application is taken to next step.

RESULT/PERFORMENCE ANALYSIS:-

The Application:- "PLANT STORY" has been a very useful one. It has come out really well. I have used GUI graphics to make the application look attractive enough. A few minor changes were made to make application work smoothly. Overall it has come out really well.

I have sent this Code to few of my relatives and friends who are working on SoftwareSide and asked them to check it out. The application was working really good on all the platforms. Till now it has no flaws or no bugs. There maybe some when we go further and develop few more features to it. The screenshots of the application are shared here in the next page.

The application has only one flaw that is when you maximize the frame, the elements are not adjusting accordingly, I have tried various ways to over come this problem but couldnt find out a way. But overall is working very perfectly as expected.

CONCLUSION:-

This project has helped me a lot in Searching and exploring various aspects of JAVA as well as plants. As I said earlier, this project is not to be left behind. I would take to another step, justifying all the elements that are to be added and making it more interesting by adding news feed to it, where news from around the world about plant, weather a good / bad one is updated every 12hrs.

I fel very useful doing this project as I got to know many new things. This is just the first phase and there are many more to go. This application would be very helpfull if bought into real world and making few adjustments to sustain to the outsid world. Very excited to work on this 'Plantstory' project and data base elements. Java is a very beautiful subject to create such projects and I wish to develope more projects like this which create a healthy impact on the outer world.

PLANT STORY

HOME | EXPLORE | SEARCH

welcome to PLANT STORY
online nursery and plant exploration

PLANT STORY

- LESS WATERING PLANTS
- RARE/IMPORTED PLANTS
- FLOWERING PLANTS
- ALL WEATHER PLANTS
- INDOOR PLANTS

CHECKOUT FORM

PLANT STORY

First Name : Mohan

Last Name : thota

Gender : male Female

Phone num

D.O.B :

address :

Message

successfull

OK

Submit

CHECKOUT FORM

PLANT STORY

First Name : Mohan

Last Name : thota

Gender : male Female

Phone num

D.O.B :

address :

Message

successfull

OK

Submit

Query 1 | SQL File 3*

Limit to 1000 rows

```sql
 use sys;
create table checkout(fname varchar(20),lname varchar(20),gender varchar(10),pno int,dob varchar(20),address varchar(5
desc checkout;
truncate checkout;
select * from checkout;
```

100% 15:3

Result Grid Filter Rows: Search Export:

fname	lname	gender	pno	dob	address
Mohan	thota	male	1231203	xx-xxx-xxxx	guntur,andhrapradesh,india.

Result Grid

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Result Grid

CHECKOUT FORM

PLANT STORY

First Name : Mohan

Last Name : thota

Gender : male Female

Phone num

D.O.B :

address :

Message

successfull

OK

Submit

RARE/IMPORTED PLANTS

HOME

CHECK OUT

REVIEW ORDER

PLANT STORY

A.SNAPSHOT (Rs:300)

ADD TO CART

LOBELIA (Rs:351)

ADD TO CART

COLEUS KONG (Rs:250)

ADD TO CART

ROSEMERC (Rs:230)

ADD TO CART

HOLLAND ALOE (Rs:400)

ADD TO CART

ADENIUM (Rs:320)

ADD TO CART

MICROCARPA (Rs:375)

ADD TO CART

CHRISTINA (Rs:410)

ADD TO CART

RARE/IMPORTED PLANTS

HOME

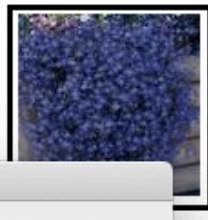
CHECK OUT

REVIEW ORDER

PLANT STORY

A.SNAPSHOT (Rs:300)

☑ ADD TO CART

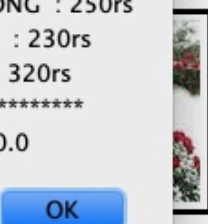


LOBELIA (Rs:351)

☐ ADD TO CART

COLEUS KONG

☑ ADD TO C



ROSEMERC (Rs:230)

☑ ADD TO CART

Message

SNAPSHOT(W) : 300rs
COLEUS KONG : 250rs
ROSEMERC : 230rs
ADENIUM : 320rs
****
Total: 1100.0

OK

HOLLAND ALOE (Rs:400)

☐ ADD TO CART

ADENIUM (Rs:320)

☑ ADD TO CART

MICROCARPA (Rs:375)

☐ ADD TO CART

CHRISTINA (Rs:410)

☐ ADD TO CART

REFERENCES :-

For the plant application I have reffered through :-

- www.plantguru.com
- www.nurserylive.com
- www.Ugaoo.com

The rest of the elements are inspired from basic shopping apps like

Amazon.com
flipkart.com
BigBasket etc...

Just the layout of the application is inspired from these websites and I have tried to develop in a little differenet way than the rest.

THANK YOU

—x— x —