



AGARYANS

(FARM EQUIPMENT RENTAL SYSTEM)



SUBMITTED TO: WORKSBOT APPLICATIONS PRIVATE LTD

SUBMITTED BY :

- Abhijith A
- Adithyan C L
- Munawar V P
- Harini R
- Varsshini V

GUIDED BY:

MR. AYYANAR VIGNESH

ABSTRACT

Here, we developed an E-commerce website to bridge the gap between vendor and farmers. We are trying to provide services like taking required equipment from a vendor on a rent basis. As information concerning farm-related equipment is not affordable to all farmer. The main objective of this website is to manage a fleet of agricultural machinery including various farming equipment such as harvester, JCB, Tractor, Pickup, rotor, and so on. This proposed system is user-friendly for end-user. The objective of the website is to deliver online farm-related equipment through the web platform. It helps to buy the equipment in the shop anywhere through the internet through Laptop and Computer. Users can enjoy the shopping from anywhere. It stores all information such as Customers record keeping, user just have to enter the primary information about a user and his/her account. Thus, our website is highly integrated. It also has an easy to use interface for farmer and vendor.

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1.INTRODUCTION

In today's world, every Farmer won't have that much bank balance to buy each and every piece of farming equipment. The innovation is fast to the point that anybody can do anything by simply sitting in a room. So, it is an imperative issue as per observation. In the event that any farmer wishes to take equipment on rent and view equipment information, they can purchase online with the assistance of the web. If any new farmer wants to do farming, he doesn't know about the farming equipment as per this concern this website is implemented. The system can access by any person no special training is needed to handle this. In this system, we are providing main two domains like vendor and farmer. These domains are managed by the administrator.

Every farmer does not have sufficient money to buy every piece of equipment which is required for farming. So, here we are trying to provide service

to farmer or user that they can take equipment on rent per hour basis. Comprehensive services that deliver equipment's when and where needed, with minimum waste of resources. Our website has a facility to give a unique id for each and every farmer and also for vendor and also registered equipment also.

To increment food production and productivity one of the required elements for such development is the adoption and usage of 'power technologies', for example such as animal muscle (oxen) and engines (tractors), and related equipment, such as for example no-till planters and improved hand tools. Most of the small and marginal farmers do not invest in mechanization due to related huge expenses of buying these machines. This lack, well recognized by both the public and private sectors for decades now, fostered the development of agricultural mechanization hire enterprises, more commonly known as hire services, that could potentially provide power technologies and equipment on a

hire basis, where farmers could pay in cash or more commonly in kind. The selection of variables is dependent on the location for which the predication is to be made.

All the information of vendor, farmers, and also each and every piece of registered equipment is manually accessed by authorized admin. Because of this authorized access, the registered information is in the safe zone. Mainly security is provided to registered data no unauthorized person can access any other personal information. This system can also help to reduce the demand of labors which are required for efficient farming.

2.PROBLEM STATEMENT

Every farmer does not have sufficient money to buy every equipment which will require for the farming. So, here we are trying to provide service to the farmer or user that farmers can buy equipment's on per hour rent basis.

Comprehensive services that deliver equipment's, when and where needed, with minimum waste of resources. Our software has the facility to give a unique id for every product and users. The details of every product and the user will store on database automatically.Rural people depend heavily upon agriculture either as farmers, casual laborers, workers in agro-based industries traders in agricultural produce or as hire service providers. One of the principal causes of poverty among smallholder's farmers is the lack of farm power and importantly access to it. Most of the small and marginal farmers do not invest in mechanization due to related huge expenses of buying these machines. This would not help to avoid the manual labor. The disadvantages are external hardware is used and very expensive.

3.PROBLEM SOLUTION

A mobile application that the farmers can use to hire tractors as well as other mechanizations at a nominal amount all using their mobile phones. This would not only help them avoid manual labour but can be also be considered as an important step to encourage this profession. It will increase the easy access to farm mechanization solutions through rental of tractors and farm equipment for small and marginal farmers. We proposed a system to make the farmers aware of the current market rate of the product. The farmers were allowed to use his mobile to pay for the rental . SMS support for payment transactions also has to be supported. SMS/Notification will be send once the transaction is complete .This type of system is much beneficial for the young generation to adopt to the traditional farming technique. The benefits of our project is Avoid bidding problem and Cost is not the issue because of the mobile based application. The Farm Equipment Rental System website is a user-friendly website. The main objectives of the system which shows and helps you to a farmer for buying equipment's on rent basis, rent can be on hour basis. So, farmer or vender does not need to buy every equipment which they required. The design and implementation of the system are simple. The system needs very low system resources and the system will work in almost all configurations . This system is develop to solve the problems that usually happen when farmer want to rent a tractor for

their agriculture purpose. In this all activities are done manually and have done on mobile technology. We are going to develop an android application of tractor hiring system for farmers in which there are four main modules. This module is responsible for the login purpose. In this module, the user will first have to enter mobile number so that an OTP can be generated. After getting the OTP, user will have to enter it correctly. If user is logging for the first time then the Registration page will be displayed in which the user have to enter details like name and address. If already registered, then user can proceed for the further process. In registration module, the user (farmer) have to enter his/her mobile number and other details, system will send the one time password (OTP) to the user, user just have to enter same OTP to the mobile for confirmation purpose. In the store list module, there are numbers of stores present in which different types of tractor are available. Details like address, pin code and contact number of each store is present with the name of the store. In this module, user can select any store to hire a tractor. This module contains the equipment list module as well as the tractor list module. Equipment list module contains a list of equipment used for agriculture. User can select any of the equipment according to their agricultural requirement. The total number of equipment available in the store is also given in this module .

4. OBJECTIVE

- To create a mobile application that the farmers can use to hire tractors as well as other machineries related to agriculture at a normal amount using their mobile phones.
- To create an interface between farmers who want to hire and those who want to let out equipment.
- To save time and money of farmers.

5. System Requirement

This includes the hardware and software specification which is required to run an application on a device.

6. DEVELOPMENT TOOLS

The entire development process has been subdivided into two: the front-end development and the backend development. The front end comprises of the visually visible parts such as the home page, admin panel, contact page, About us page, vendor and farmer panel. The back end contains the database and its interaction with the front-end.

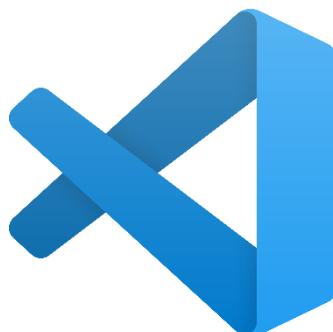
➤ IDE USED:

VISUAL STUDIO CODE

Visual Studio Code is a code editor in layman's terms. Visual Studio Code is “a free-editor that helps the programmer write code, helps in debugging and corrects the code using the intelli-

sense method ". In normal terms, it facilitates users to write the code in an easy manner. Many people say that it is half of an IDE and an editor, but the decision is up to the coders. Any program/software that we see or use works on the code that runs in the background. Traditionally coding was used to do in the traditional editors or even in the basic editors like notepad! These editors used to provide basic support to the coders.

The most prominent and which supports almost every coding language is VISUAL STUDIO CODE. Its features let the user modify the editor as per the usage, which means the user is able to download the libraries from the internet and integrate it with the code as per his requirements.



ADVANTAGES OF VISUAL STUDIO CODE:

There are many advantages over any other IDE; they are as follow:

1. Cross-platform support :

- Windows
- Linux
- Mac

2. Light-weight
3. Robust Architecture
4. Intelli-Sense
5. Freeware: Free of Cost- probably the best feature of all for all the programmers out there, even more for the organizations.
6. Many users will use it or might have used it for desktop applications only, but it also provides great tool support for Web Technologies like; HTML, CSS, JSON.

➤ FRONT END

The front end was initially raw coded using HTML and CSS. Hypertext mark-up language is the language used to design the web pages of an application. A static page is an HTML document that is stored on the web server and does not change. This was performed by Cascading Style Sheet (CSS). CSS is a style sheet language which describes the look and formatting a document. These CSS files are linked with the class files with .php extensions to put the panels in order, the text with correct font, size and color. For example, in website for the framer's registration, the system asks to provide their details which contains their name, contact number, age, etc. If they missed any of the details, then immediately the

browser asks them to fill the particular field. This is implemented and handled by a HTML and CSS. In the project we have also used BOOTSTRAP and JAVASCRIPT. Bootstrap is used to make the website responsive . While javascript is used to make the website lively.



➤ **HTML 5:**

The following are the advantages of HTML5.

1. Cleaner markup/ Improved code:

HTML5 will enable web designers to use cleaner, neater code. We can remove div tags and replace them with semantic HTML5 elements.

2. Elegant forms:

HTML5 enables designer to use fancier forms. There will be different type of inputs, search and different fields for different purpose.

3. Consistency:

As websites will adopt the new HTML5 elements we will see more consistency in terms of HTML used to code a web page on one site compared to another. This will make it much easier for designers and developers to immediately understand how a web page is created.

4. Supports rich media elements:

HTML5 has an inbuilt capability to play audio and video and so we can bid goodbye to those plugin tags.

5. Offline Application Cache:

HTML5 offers an offline application cache facility which will load the page the user has visited even if the user is temporarily offline. This feature will help the files to load much faster and reduces load on server.

➤ **CSS 3:**

- CSS3 provides a consistent and precise positioning of navigable elements.
- It is easy to customize a web page as it can be done by merely altering a modular file.
- Graphics are easier in CSS3, thus making it easy to make the site appealing.

- It permits online videos to be seen without using third-party plugins.
- CSS3 is economical, time-saving, and most browsers support it.

➤ **BOOTSTRAP 5:**

- Fewer Cross browser bugs
- A consistent framework that supports major of all browsers and CSS compatibility fixes
- Lightweight and customizable
- Responsive structures and styles
- Several JavaScript plugins using the jQuery
- Good documentation and community support
- Loads of free and professional templates, WordPress themes and plugins
- Great grid system

➤ **JAVASCRIPT :**

- Speed. Client-side JavaScript is very fast because it can be run immediately within the client-side browser. Unless outside resources are required, JavaScript is unhindered by network calls to a backend server.
- Simplicity. JavaScript is relatively simple to learn and implement.
- Popularity. JavaScript is used everywhere on the web.
- Interoperability. JavaScript plays nicely with other languages and can be used in a huge variety of applications.
- Server Load. Being client-side reduces the demand on the website server.
- Gives the ability to create rich interfaces.

- **BACKEND:**

The Database Management System provides support for the back end. The database management system is essentially software where admin can create the database, add, drop, alter and update tables. The tables can hold different types of data for example: integer, variable characters etc. in our application we have chosen the SQLITE to hold the database. The backend development is mainly with DJANGO . We also used PYTHON in the backend.



SQLite3
SQL
database
engine



- **PYTHON 3:**

1. Easy to Read, Learn and Write

Python is a high-level programming language that has English-like syntax. This makes it easier to read and understand the code.

Python is really easy to pick up and learn, that is why a lot of people recommend Python to beginners. You need less lines of code to perform the same task as compared to other major languages like C/C++ and Java.

2. Improved Productivity

Python is a very productive language. Due to the simplicity of Python, developers can focus on solving the problem. They don't need to spend too much time in understanding the syntax or behaviour of the programming language. You write less code and get more things done.

3. Interpreted Language

Python is an interpreted language which means that Python directly executes the code line by line. In case of any error, it stops further execution and reports back the error which has occurred.

Python shows only one error even if the program has multiple errors. This makes debugging easier.

4. Dynamically Typed

Python doesn't know the type of variable until we run the code. It automatically assigns the data type during execution. The programmer doesn't need to worry about declaring variables and their data types.

5. Free and Open-Source

Python comes under the OSI approved open-source license. This makes it free to use and distribute. You can download the source code, modify it and even distribute your version of Python. This is useful for organizations that want to modify some specific behavior and use their version for development.

6. Vast Libraries Support

The standard library of Python is huge, you can find almost all the functions needed for your task. So, you don't have to depend on external libraries.

7. Portability

In many languages like C/C++, you need to change your code to run the program on different platforms. That is not the same with Python. You only write once and run it anywhere.

➤ **SQLITE 3:**

SQLite is a very popular database which has been successfully used with on disk file format for desktop applications like version control systems, financial analysis tools, media

cataloging and editing suites, CAD packages, record keeping programs etc.

There are a lot of advantages to use SQLite as an application file format:

1) Lightweight

- SQLite is a very light weighted database so, it is easy to use it as an embedded software with devices like televisions, Mobile phones, cameras, home electronic devices, etc.

2) Better Performance

- Reading and writing operations are very fast for SQLite database. It is almost 35% faster than File system.
- It only loads the data which is needed, rather than reading the entire file and hold it in memory.
- If you edit small parts, it only overwrite the parts of the file which was changed.

3) No Installation Needed

- SQLite is very easy to learn. You don't need to install and configure it. Just download SQLite libraries in your computer and it is ready for creating the database.

4) Reliable

- It updates your content continuously so, little or no work is lost in a case of power failure or crash.
- SQLite is less bugs prone rather than custom written file I/O codes.
- SQLite queries are smaller than equivalent procedural codes so, chances of bugs are minimal.

5) Portable

- SQLite is portable across all 32-bit and 64-bit operating systems and big- and little-endian architectures.
- Multiple processes can be attached with same application file and can read and write without interfering each other.
- It can be used with all programming languages without any compatibility issue.

6) Accessible

- SQLite database is accessible through a wide variety of third-party tools.
- SQLite database's content is more likely to be recoverable if it has been lost. Data lives longer than code.

7) Reduce Cost and Complexity

It reduces application cost because content can be accessed and updated using concise SQL queries instead of lengthy and error-prone procedural queries.

SQLite can be easily extended in future releases just by adding new tables and/or columns. It also preserves the backwards compatibility.

➤ **DJANGO 3**

1. Battery included approach

Django follows a batteries-included approach. It means that Django comes with resources that are required by you(developers) built-in. You don't have to write your own codes for adding some functionalities, you can just import the packages made by strong community members that are available as open-source.

2. Rapid Development

If you want to create an application in less time, Django is your go-to option. While working with Django you just need some basic knowledge, and you are ready to create that fantastic web application in no time.

The DRY philosophy helps you to reuse the code you have written for prior projects.

Django aims to provide ease to the users by piling up all the processes, packages, and libraries so that a complex website can be created in less time.

3. Python Web-framework

Python is considered to be the best option as the first programming language. The features that make this quick to learn are the easy syntax structure and loads of in-built libraries and packages that help users to get everything arranged in one place. Understanding and implementing Python codes is quite easy and hassle-free. So you don't have to be a master of frontend and backend while working with Django.

4. Security

While building high-end web applications, security becomes a very crucial aspect to ponder on. Django understands this concern and provides its best defender to save your efforts. Using click-jacking, cross-site scripting, SQL injections Django builds a strong wall for the application's safety. User authentication is also an important feature to safely manage user accounts and passwords that Django provides.

5. Community Support

Django has been ruling the IT markets for the past 13 years, which makes Django a very successful web framework out there.

What made Django reach these heights is the strong community support. Thousands of developers are working together to fix any errors and bugs that appear. If you face

any problem while working or are stuck somewhere and have no idea what to do, a simple Google search can save your time and game.

Django is continuously improving and evolving with the addition of new libraries, to be the best platform in the market.

6. Scalable

Scalability can be understood as an ability of an application to work well when the size or volume of the platform increases. A good application is always programmed to work efficiently if there occurs an increase in traffic.

Django works effortlessly in this issue. Websites made with Django have the capacity to handle multiple users at a single time.

Examples of some popular websites using Django include Spotify, Netflix, YouTube, Mozilla, Quora, etc.

7. Time-Tested

With thousands of developers working continuously to fix any bugs and errors, Django has become one of the most used web frameworks in the market.

Time testing is one of the best advantages of using Django, as the majority of your queries are already resolved by the hardworking team.

Companies like Mozilla, Quora, and Facebook have shifted their technology stack to Django, and yes they made the correct choice.

8. Speed and App Performance

When talking about web applications, speed becomes an important aspect to discuss. Django helps the users to create dynamic web applications in no time.

Django MTV architecture makes the deployment process quite easy. Using Django efficiency and cost-effectiveness comes in handy.

9. Admin Interface

There are some times when companies have to make some changes to their websites. They obviously don't have the technical knowledge to do so.

So to handle this situation, the admin interface is the solution. Developers have login protected admin area to alter the codes

10. Free Flow Coding

A developer may never face an issue of unwanted or poorly written codes while using Django.

Django comes as a complete package. While working with it you are not required to download any package or libraries from any third party.

11. Object-Oriented

Django provides the functionality of Object-oriented programming. That means the security concerns are handled easily. The use of class, methods, objects and functionality of overriding make things easier.

12. REST framework for APIs

Application programming interface better known as “API”, are very essential to add advanced features to an application. The Django REST framework makes the work easy by building APIs for web applications.

Django users admire the REST framework as it provides them with some powerful API functionality. Django framework comes with authentication, authorization, and customization to increase the flexibility of the applications.

13. Versatile Nature

Versatility defines the ability of a web framework to fit in different domains easily. Django has been a great help for various popular websites for the past so many years. OTT platform, Shopping sites, Social media platform etc, we can find Django everywhere.

14. Fully Loaded

With the functionality of user authentication, admin interface, content administration, rapid development, scalability, and security, Django is a complete package in itself.

7.MODULES

The functionality of the proposed application is divided into sub modules. The modules to be taken into account are equipment add to cart, orders, payment and equipment module. These modules while combines together give the functionality desired output of the application.

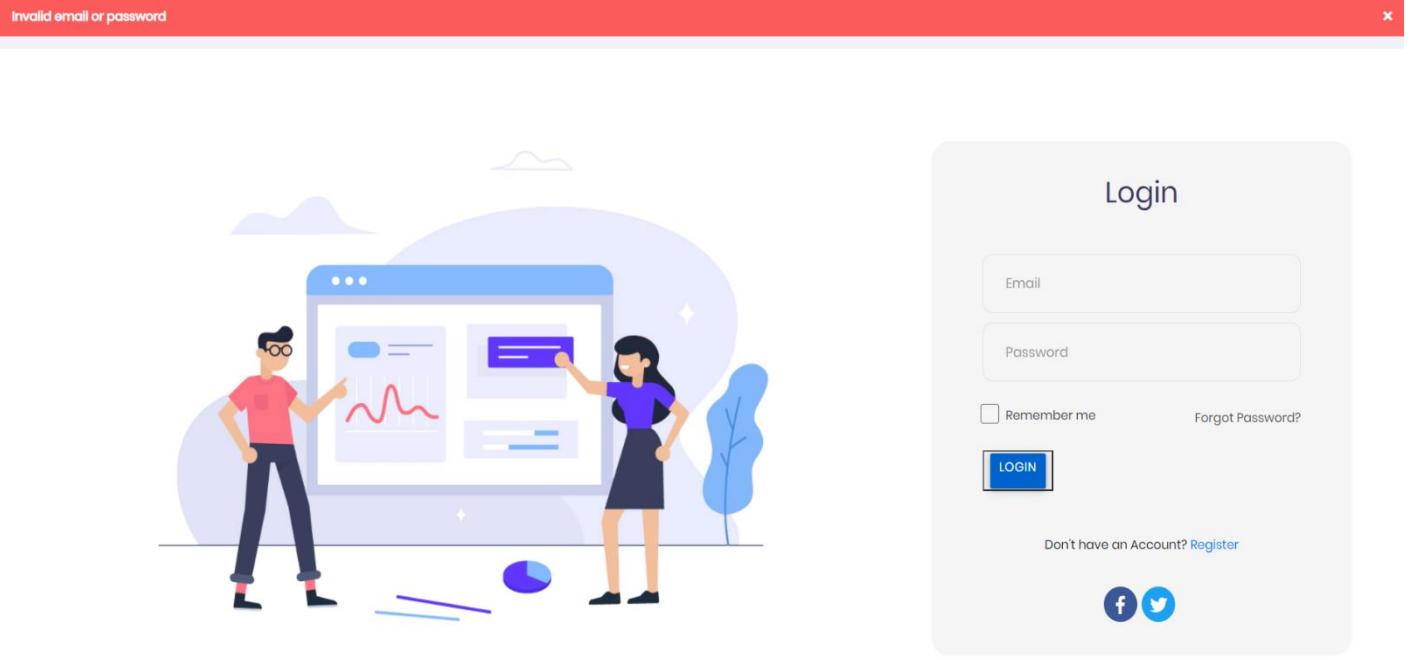
MODULES:

1. Login module
2. Registration module
3. Reservation module
4. Equipments module
5. Package module
6. Categories module
7. User module

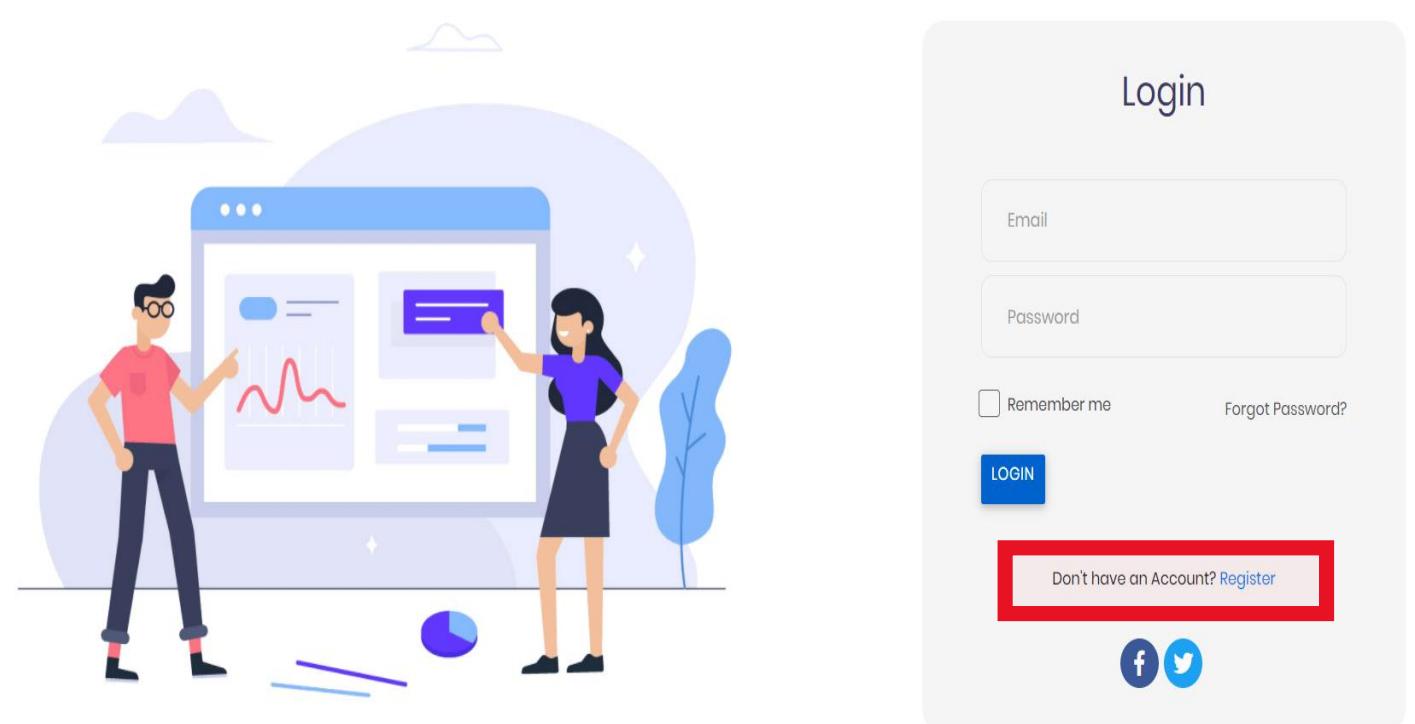
• **LOGIN MODULE:**

This module is responsible for the login purpose. First the user need to enter their registered mail-id and password. If the email and password are correct then the website directs you to the **dashboard** .

If there is a **error** in the password or mail-id , then the webpage displays a message as given in the image below.



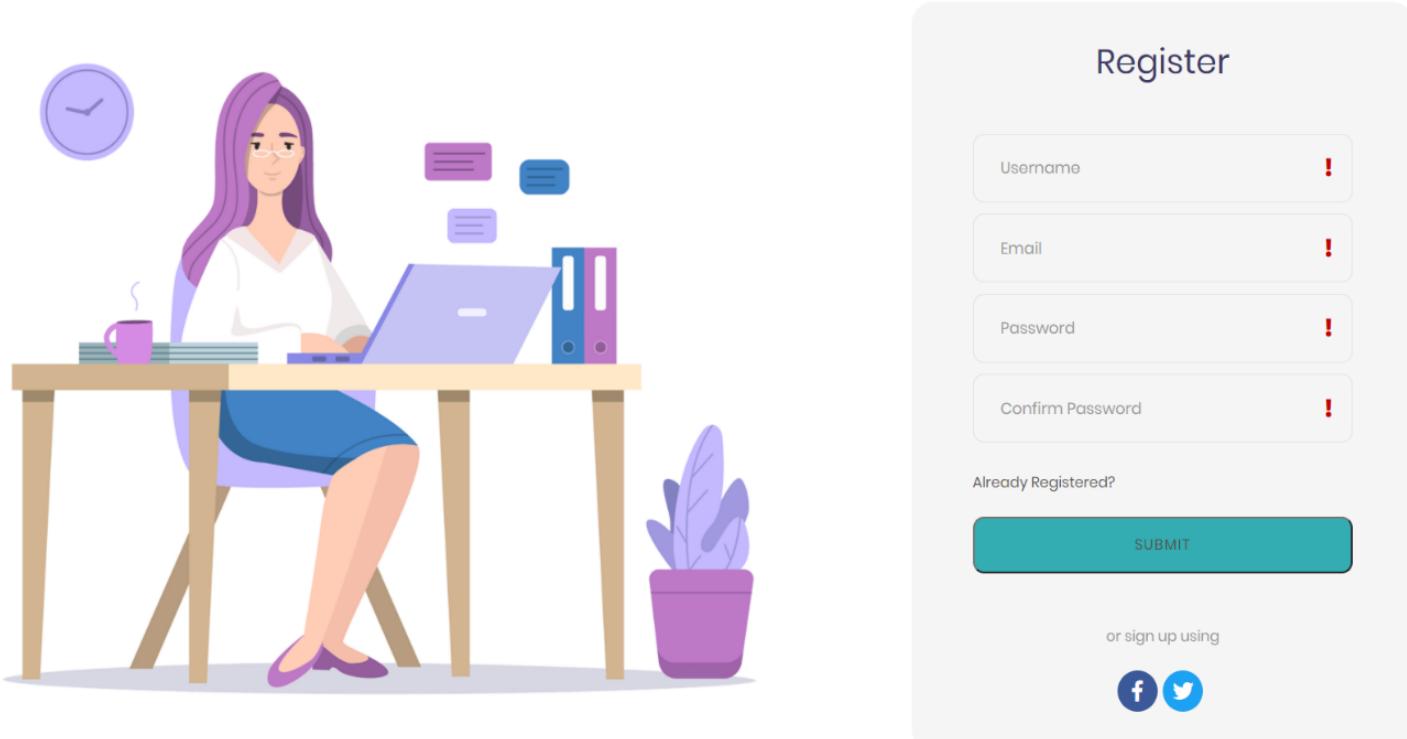
If the user is new and don't have a account they can click on register button. Then it directs to registration module.



• REGISTRATION MODULE

This module helps the new users to create a account in the website. The user needs to fill the username, email id ,and password. They need to confirm the password again click on submit.

If any of the field in the registration form is not filled then it shows a exclamatory mark .



When the details are entered in the registration form it compares the given details with the previous details in the database and verifies. If the email-id already exists then it displays a message as given in the image below.

this email-id or contact number is already registered!..

Register



Username

Email

Password

Confirm Password

Contact Number

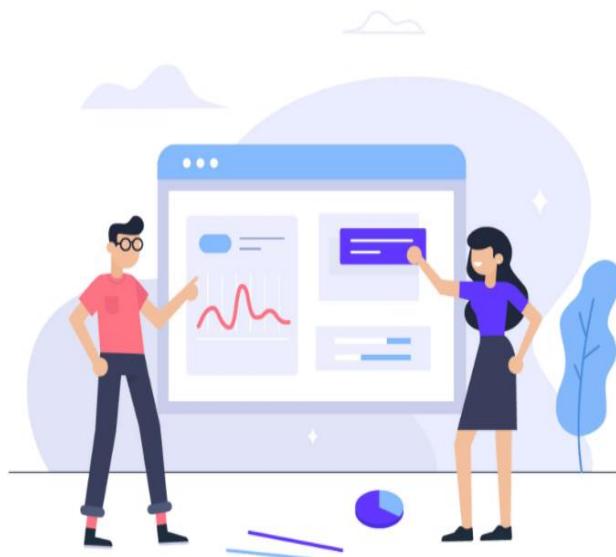
Already Registered?

REGISTER

If the registration is successful then it automatically goes to login page and gives a “Registration successful” message as shown in the image below.

your registration has completed successfully!..

Login



Email

Password

Remember me

[Forgot Password?](#)

LOGIN

Don't have an Account? [Register](#)



• RESERVATION MODULE

This module is the first module in dashboard . It contains options like , Add registration, Update registration & Invoice.

ADD REGISTRATION:

This page contains a add option which helps to add a new reservation. When it is added it gives successfully added message as given in the image below

The screenshot shows the 'Reservation' section of the Agaryans Rental Management system. A green success message at the top states 'your reservation has added successfully.'. Below this is a table listing two reservations. The columns are #, Unique ID, Items, Date/Time from, Status, and Actions (with Edit and Delete buttons). The first reservation is for Unique ID 123323, item wire, date/time 12/12/12 11:11, status Choose..., and actions Edit and Delete. The second reservation is for Unique ID 235, item wire, date/time 12/12/12 11:11, status Confirmed, and actions Edit and Delete. On the left sidebar, there are links for Dashboard, Reservation, Equipments, Package, Categories, user, Options, Preview, and Logout.

In this page we can also delete a reservation . when a item is deleted it shows the message as given below.

The screenshot shows the 'Reservation' section of the Agaryans Rental Management system. A green success message at the top states 'Successfully deleted!'. Below this is a table listing one reservation. The columns are #, Unique ID, Items, Date/Time from, Status, and Actions (with Edit and Delete buttons). The single reservation is for Unique ID 235, item wire, date/time 12/12/12 11:11, status Confirmed, and actions Edit and Delete. On the left sidebar, there are links for Dashboard, Reservation, Equipments, Package, Categories, user, Options, Preview, and Logout.

UPDATE REGISTRATION

This page is for updating the existing entries.

The screenshot shows the 'Update reservation' form within the Agaryans Rental Management application. The left sidebar contains navigation links for Dashboard, Reservation, Equipments, Package, Categories, user, Options, and Preview. The main area has fields for Unique ID, Date/Time from, Date/Time to, Status, Payment method (Choose...), Price (\$), Security (\$), Deposite (\$), Tax (\$), Delivery (\$), Collection (\$), and Total (\$). Buttons for SAVE and CANCEL are at the bottom.

INVOICE

The screenshot shows the 'Invoice' page within the Agaryans Rental Management application. The left sidebar contains navigation links for Dashboard, Reservation, Equipments, Package, Categories, user, Options, and Preview. The main area features a search bar and a table listing invoices. The table columns include Order No, Issue date, Due date, Created, Status, and Total. The table data is as follows:

Order No	Issue date	Due date	Created	Status	Total
KW23212323	Adult bicycle helmet	31/8/20 10:00	7/9/20 12:00	Not paid	107.28\$
SS23342323	10 inch Drill press	10/9/20 10:00	13/9/20 12:00	Not paid	373.6\$
SM211342323	10 inch Drill press	31/8/20 10:00	31/8/20 12:00	Not paid	48.2\$
KQ3212323	1xAdult bicycle helmet	31/8/21 10:00	1/9/21 12:00	Not paid	59.2\$

● EQUIPMENT MODULE

This module contains the list of equipments available. Here there is a add option and upload option .

#	Name	Category	Count	Status
1	10-inch Drill press	Construction tool	4	active
2	Adult bicycle helmet	Sport equipment	22	Active
3	Beginner level snowboard	Sport equipment	28	Active
4	Belt and 5-inch disc sander	Construction tool	7	Active

● PACKAGE MODULE:

This module helps you to create ,view and edit your packages. We can also delete a package if needed. When a new package is added or deleted, the website gives a message on the screen.

Step 1: create

AGARYANS

Agaryans Rental Management

Anderson

Main

Dashboard

Reservation

Equipments

Package

create package

view package

Edit package

Categories

user

Options

Preview

Name

Description

Options

Photos

select options

SAVE CANCEL

create Packages | Home > create

Step 2: view

AGARYANS

Agaryans Rental Management

Anderson

Main

Dashboard

Reservation

Equipments

Package

create package

view package

Edit Package

Categories

user

Options

Preview

+ ADD PACKAGES

Successfully added.....!

#	Name	Count	Status	Action
1	Camping Essentials	4	Active ✓	<button>EDIT</button> <button>DELETE</button>
2	Garden Maintenance	6	Active ✓	<button>EDIT</button> <button>DELETE</button>
3	Mountain sport	18	Active ✓	<button>EDIT</button> <button>DELETE</button>
4	Outdoor Camping	3	Active ✓	<button>EDIT</button> <button>DELETE</button>
5	pool party	8	Active ✓	<button>EDIT</button> <button>DELETE</button>
6	Tennis on court	25	Active ✓	<button>EDIT</button> <button>DELETE</button>

package | Home > package > package

Step3: delete

#	Name	Count	Status	Action
1	Camping Essentials	4	Active ✓	<button>EDIT</button> <button>DELETE</button>
2	Garden Maintenance	6	Active ✓	<button>EDIT</button> <button>DELETE</button>
3	Mountain sport	18	Active ✓	<button>EDIT</button> <button>DELETE</button>
4	Outdoor Camping	3	Active ✓	<button>EDIT</button> <button>DELETE</button>
5	pool party	8	Active ✓	<button>EDIT</button> <button>DELETE</button>

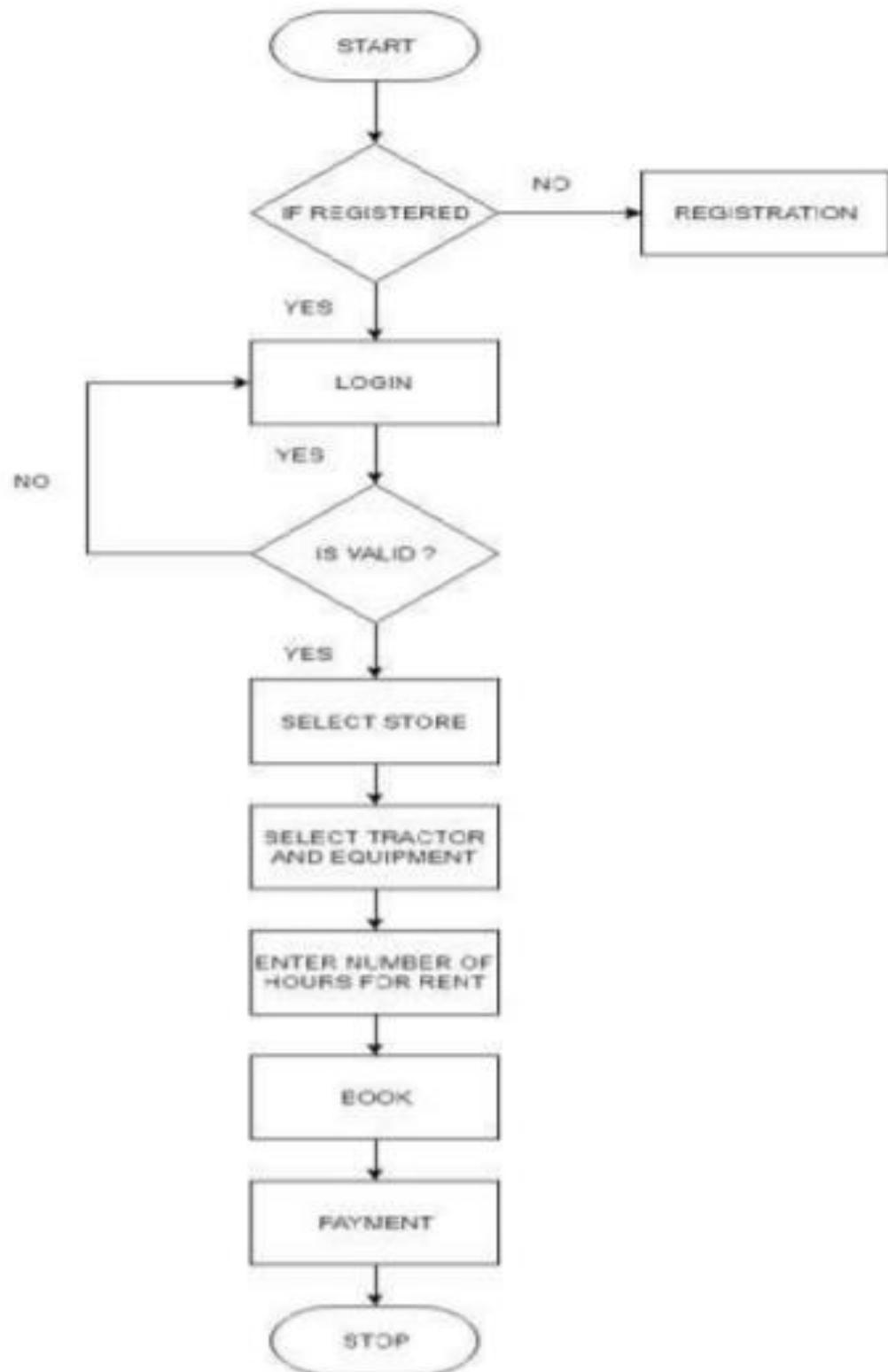
- **Categories module**

Same as the previous module this module also contains add, edit and delete options .

- **User module**

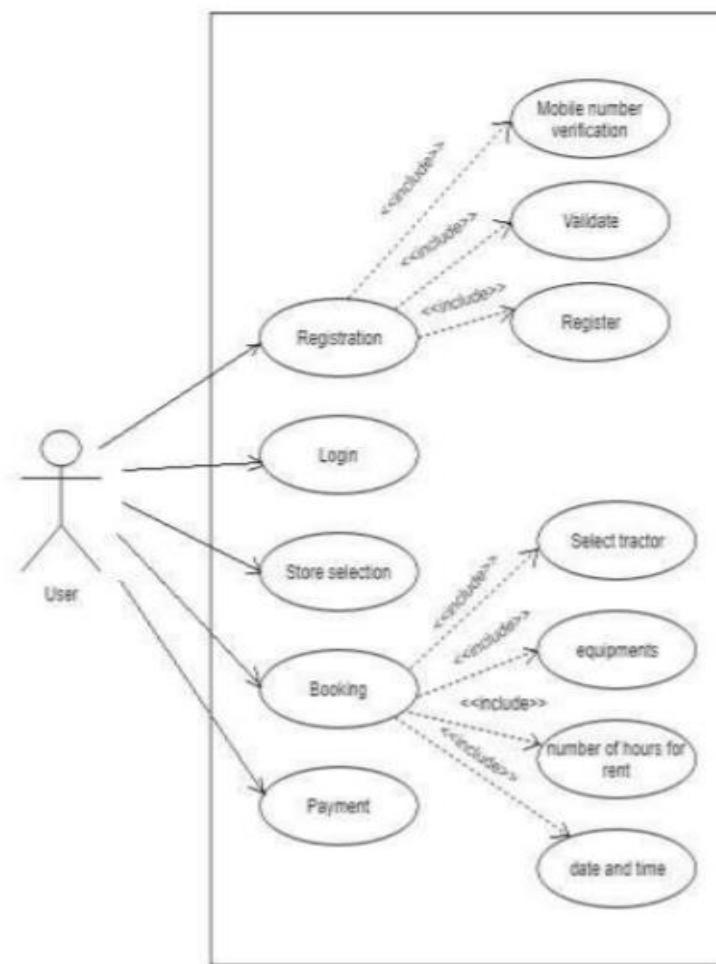
This module contains the list of users in the website . In this page we can add a user ,edit the details of the already existing user ,and even we can delete the entire details of a user if needed.

8. DATA FLOW CHART



9. USE CASE DIAGRAM

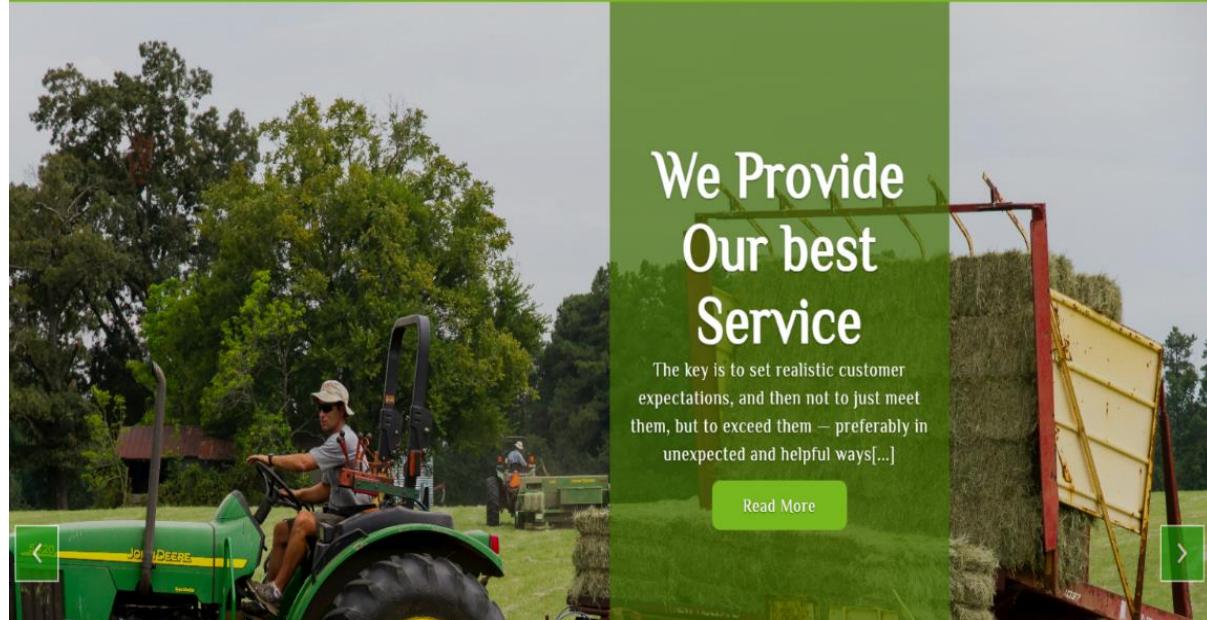
A use case diagram is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved.



There is a section of the user, every new user need to register first for using this system. If a user already registered then user would login and then user will be provided with various activities like store selection, while booking a tractor user can select type of tractor along with the equipment, number of hours for rent and date and time for booking.

10. USER INTERFACE

HOME PAGE



The home page features a large banner image of a green tractor in a field. Overlaid on the right side is a green box containing the text "We Provide Our best Service". Below this, a smaller text box reads: "The key is to set realistic customer expectations, and then not to just meet them, but to exceed them – preferably in unexpected and helpful ways[...]" with a "Read More" button.

AGARYANS

SRM street,Palakkad
Kerala, India

(1123) 224 366
agaryans-rental.com

6 hours - 21 hours
*Weekends working

Home About Services Shop Shop Details Blog Details Gallery Contact Login

ABOUT



The about page features a large banner image of a red tractor in a field. Overlaid on the right side is a green box containing the text "All News Around Us" and "Our Blog".

Home About Services Shop Shop Details Blog Details Gallery Contact Login

All News Around Us

Our Blog



Gallery With Images

June 7, 2014 ! Sergey Kosenko

Over the course of my career, I have had the opportunity to lead various Web design and development teams, including

[More](#)



Fullwidth Image Post

June 7, 2014 ! Sergey Kosenko

Over the course of my career, I have had the opportunity to lead various Web design and development teams, including

[More](#)



Beautiful new dress. Sale!

June 7, 2014 ! Sergey Kosenko

Over the course of my career, I have had the opportunity to lead various Web design and development teams, including

[More](#)

CONTACT FORM

Home About Services Shop Shop Details Blog Details Gallery Contact Login

AGARYANS

contact us

Product name Email

Full Name Phone

Message

Submit



PREVIEW

AGARYANS

≡ Agaryans Rental Management

✖ Δ Notifications 



Anderson

Dashboard

Reservation

+

Equipments

+

Package

+

Categories

+

user

+

Options

Preview

Logout

Preview

Find your solutions from here

identified newly developed equipments

A few newly developed equipment identified are: Zero till seed drill, strip till drill, raised bed planter, sugarcane cutter planter, rice transplanter, tractor/power tiller operated rotavator, sunflower thresher, aero blast sprayer, power weeder, cono weeder, battery operated cono weeder coconut tree climber, and fruit harvester, tractor operated spading machine etcHere are several simple maintenance tips that, when followed, will greatly increase the life expectancy of your investment. This holds true for new or used, light or heavy duty, small, medium or large equipment. While nothing will make machinery last forever, developing the habits as well as specific manufacturers' maintenance recommendations will guarantee that your tractor and related equipment will last as long as it can



Add user

Use form below to add an user.

Email

@

Password

🔒

Name

Status

-- Choose--

11.SYSTEM TESTING

Testing - Software testing is the process of evaluation a software item to detect differences between given input and expected output. Testing assesses the quality of the project. Software testing is a verification and validation process.

Types of Testing

Manual Testing

Manual testing includes testing a software manually, i.e., without using any automated tool or any script. In this type, the tester takes over the role of an end-user and tests the software to identify any unexpected behavior or bug. There are different stages for manual testing such as unit testing, integration testing, system testing, and user acceptance testing. Testers use test plans, test cases, or test scenarios to test a software to ensure the completeness of testing. Manual testing also includes exploratory testing, as testers explore the software to identify errors in it. Following are the testing techniques that are performed manually during the test life cycle:

- Acceptance Testing
- White Box Testing
- Black Box Testing
- Unit Testing
- System Testing
- Integration Testing

Levels of testing - There are four level of testing

1. Unit Testing
2. Integration Testing
3. System Testing
4. Acceptance Testing

1. Unit Testing – This type of testing is performed at the earliest stages of the development process and it is also known as component testing. Various components in the project are tested. After developing each component in project, as application progresses each component are need to be tested. Projects usually are built in the components and each component must need to be tested so that overall objective of the project must need to be achieved.

2. Integration Testing – Integration testing is testing in which a group of components are combined to produce output. Also, the interaction between software and hardware is tested in integration testing if software and hardware components have any relation. It may fall under both white box testing and black box testing. This type of testing is performed when clicking on the scan in application, the camera should be open and also scan the marker of department, after scanning the detected marker must retrieve the notices and then shown to the user. After viewing the notices, it can be saved or downloaded.

3. System Testing – System testing is the testing to ensure that by putting the software in different environments it still works. System testing is done with full system implementation and environment. It falls under the class of black box testing. We deployed our application in different vendor's android mobile phone and also on various android operating system or platform with different versions.

4. Acceptance Testing – Acceptance testing is often done by the customer to ensure that the delivered product meets the requirements and works as the customer expected. It falls under the class of black box testing .

12.FEASIBILITY STUDY

The feasibility of the project is analysed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

Three key considerations involved in the feasibility analysis are:

- **Economic Feasibility** This study is carried out to check the economic impact will have on the system will have on the organization. The amount of fund that the company can

pour into the research and development of the system is limited. The expenditures must be justified. Thus the developed system as well within the budget and this was achieved because most of the technologies used are freely available. Only the customised products have to be purchased.

- **Technical Feasibility** This study is carried out to check the technical feasibility, that is, the technical requirements of the system. Any system developed must not have a high demand on the available available technical resources. This will lead to high demands being placed on the client. The developed system must have a modest requirement, as only minimal or null changes for the implementing this system.
- **Operational Feasibility** The aspect of study is to check the level of acceptance of the system by the user. This includes the process of training the user to use the system efficiently. The user must not feel threatened by the system, instead must accept it as a necessity. The level of acceptance by the users solely depends on the methods that are employed to educate the user about the system and to make him familiar with it. His level of confidence must be raised so that he is also able to make some constructive criticism, which is welcomed, as he is the final user of the system.

13.SAMPLE CODE

```
<!DOCTYPE html>
<html lang="en">

<!-- Mirrored from www.radixtouch.in/templates/admin/Worksbot/source/light/pages/forms/form-examples.html by HTTrack Website Copier/3.x [XR&amp;CO'2014], Sun, 07 Feb 2021 12:25:42 GMT --&gt;
&lt;head&gt;
    &lt;meta charset="UTF-8"&gt;
    &lt;meta content="width=device-width, initial-scale=1" name="viewport" /&gt;
    &lt;title&gt;AGARYANS&lt;/title&gt;
    &lt;!-- Favicon--&gt;
    &lt;link rel="icon" href="../../static/assets/images/favicon.ico" type="image/x-icon"&gt;
    &lt;!-- Plugins Core Css --&gt;
    &lt;link href="../../static/assets/css/app.min.css" rel="stylesheet"&gt;
    &lt;!-- Custom Css --&gt;
    &lt;link href="../../static/assets/css/style.css" rel="stylesheet"&gt;
    &lt;!-- You can choose a theme from css/styles instead of get all themes --&gt;
    &lt;link href="../../static/assets/css/styles/all-themes.css" rel="stylesheet" /&gt;
&lt;/head&gt;

&lt;body class="light"&gt;
    &lt;!-- Page Loader --&gt;
    &lt;div class="page-loader-wrapper"&gt;
        &lt;div class="loader"&gt;
            &lt;div class="m-t-30"&gt;
                &lt;img class="loading-img-spin" src="../../static/assets/images/load - Copy.png" alt=""&gt;
            &lt;/div&gt;
            &lt;p&gt;Please wait...&lt;/p&gt;
        &lt;/div&gt;
    &lt;/div&gt;
    &lt;!-- #END# Page Loader --&gt;
    &lt;!-- Overlay For Sidebars --&gt;
    &lt;div class="overlay"&gt;&lt;/div&gt;
    &lt;!-- #END# Overlay For Sidebars --&gt;
    &lt;!-- Top Bar --&gt;
    &lt;nav class="navbar"&gt;
        &lt;div class="container-fluid"&gt;
            &lt;div class="navbar-header"&gt;
                &lt;a href="#" onClick="return false;" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar-collapse"
                    aria-expanded="false"&gt;&lt;/a&gt;
                &lt;a href="#" onClick="return false;" class="bars"&gt;&lt;/a&gt;
                &lt;a class="navbar-brand" href="index.html"&gt;
                    &lt;img src="../../static/assets/images/logo.png" alt="" /&gt;
                &lt;/a&gt;
            &lt;/div&gt;
            &lt;div class="collapse navbar-collapse" id="navbar-collapse"&gt;
                &lt;ul class="nav navbar-nav"&gt;
                    &lt;li class="active"&gt;
                        &lt;a href="#" onClick="return false;"&gt;Home&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li&gt;
                        &lt;a href="#" onClick="return false;"&gt;About Us&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li&gt;
                        &lt;a href="#" onClick="return false;"&gt;Our Services&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li&gt;
                        &lt;a href="#" onClick="return false;"&gt;Our Team&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li&gt;
                        &lt;a href="#" onClick="return false;"&gt;Contact Us&lt;/a&gt;
                    &lt;/li&gt;
                &lt;/ul&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/nav&gt;
&lt;/body&gt;</pre>
```

```

        <span class="logo-name">AGARYANS</span>
    </a>
</div>

<div class="collapse navbar-collapse" id="navbar-collapse">
    <ul class="nav navbar-nav navbar-left">
        <li>
            <a href="#" onClick="return false;" class="sidemenu-collapse">
                <i class="nav-hdr-btn ti-align-left"> Agaryans Rental Management</i>
            </a>
        </li>
    </ul>
    <ul class="nav navbar-nav navbar-right">
        <!-- Full Screen Button -->
        <li class="fullscreen">
            <a href="javascript:;" class="fullscreen-btn">
                <i class="nav-hdr-btn ti-fullscreen"></i>
            </a>
        </li>
        <!-- #END# Full Screen Button -->
        <!-- #START# Notifications-->
        <li class="dropdown">
            <a href="#" onClick="return false;" class="dropdown-toggle" data-
toggle="dropdown" role="button">
                <i class="nav-hdr-btn ti-bell">Notifications</i>
                <span class="notify"></span>
                <span class="heartbeat"></span>
            </a>
            <ul class="dropdown-menu pullDown">
                <li class="header">NOTIFICATIONS</li>
                <li class="body">
                    <ul class="menu">
                        <li>
                            <a href="#" onClick="return false;">
                                <span class="table-img msg-user">
                                    
                                </span>
                                <span class="menu-info">
                                    <span class="menu-title">Sarah Smith</span>
                                    <span class="menu-desc">
                                        <i class="material-icons">access_time</i> 14 mins
ago
                                    </span>
                                    <span class="menu-desc">Please check your
email.</span>
                                </span>
                            </a>
                        </li>
                    </ul>
                </li>
            </ul>
        </li>
    </ul>
</div>

```

```

        </li>
        <li>
            <a href="#" onClick="return false;">
                <span class="table-img msg-user">
                    
                </span>
                <span class="menu-info">
                    <span class="menu-title">Airi Satou</span>
                    <span class="menu-desc">
                        <i class="material-icons">access_time</i> 22 mins
ago
                    </span>
                    <span class="menu-desc">Please check your
email.</span>
                </span>
            </a>
        </li>
        <li>
            <a href="#" onClick="return false;">
                <span class="table-img msg-user">
                    
                </span>
                <span class="menu-info">
                    <span class="menu-title">John Doe</span>
                    <span class="menu-desc">
                        <i class="material-icons">access_time</i> 3 hours
ago
                    </span>
                    <span class="menu-desc">Please check your
email.</span>
                </span>
            </a>
        </li>
        <li>
            <a href="#" onClick="return false;">
                <span class="table-img msg-user">
                    
                </span>
                <span class="menu-info">
                    <span class="menu-title">Ashton Cox</span>
                    <span class="menu-desc">
                        <i class="material-icons">access_time</i> 2 hours
ago
                    </span>
                </span>
            </a>
        </li>
    </ul>

```

```

Please check your
email.</span>
</span>
</a>
</li>
<li>
<a href="#" onClick="return false;">

</span>
Cara Stevens</span>

access_time 4 hours
ago

</span>
Please check your
email.</span>
</span>
</a>
</li>
<li>
<a href="#" onClick="return false;">

</span>
Charde Marshall</span>

access_time 3 hours
ago

</span>
Please check your
email.</span>
</span>
</a>
</li>
<li>
<a href="#" onClick="return false;">

</span>
John Doe</span>


</span>

```

```

access_time>Please check your
email.</span>
</span>
<span class="menu-desc">Please check your
email.</span>
</span>
</a>
</li>
</ul>
</li>
<li class="footer">
    <a href="#" onClick="return false;">View All Notifications</a>
</li>
</ul>
</li>
<!-- #END# Notifications-->

<li class="dropdown user_profile">
    <div class="dropdown-toggle" data-toggle="dropdown">
        
    </div>
    <ul class="dropdown-menu pullDown">
        <li class="body">
            <ul class="user_dw_menu">
                <li>
                    <a href="#" onClick="return false;">
                        <i class="material-icons"></i>Add new Member
                    </a>
                </li>
                <li>
                    <a href="#" onClick="return false;">
                        <i class="material-icons">person</i>Profile
                    </a>
                </li>
                <li>
                    <a href="#" onClick="return false;">
                        <i class="material-icons">feedback</i>Feedback
                    </a>
                </li>
                <li>
                    <a href="#" onClick="return false;">
                        <i class="material-icons">help</i>Help
                    </a>
                </li>
                <li>
                    <a href="#" onClick="return false;">
                        <i class="material-icons">power_settings_new</i>Logout
                    </a>
                </li>
            </ul>
        </li>
    </ul>
</li>

```

```

        </li>
    </ul>
</li>
<!-- #END# Tasks -->
<li class="pull-right">
    <a href="#" onClick="return false;" class="js-right-sidebar" data-
close="true">
        <i class="nav-hdr-btn ti-layout-grid2"></i>
    </a>
</li>
</ul>
</div>
</div>
</nav>
<!-- #Top Bar -->
<div>
    <!-- Left Sidebar -->
    <aside id="leftsidebar" class="sidebar">
        <!-- Menu -->
        <div class="menu">
            <ul class="list">
                <li>
                    <div class="sidebar-profile clearfix">
                        <div class="profile-img">
                            
                        </div>
                        <div class="profile-info">
                            <h3>Anderson</h3>
                        </div>
                    </div>
                </div>
                </li>
                <li class="header">-- Main</li>
                <li class="active">
                    <a href="#">
                        <i class="ti-bar-chart-alt"></i>
                        <span>Dashboard</span>
                    </a>
                    <ul class="ml-menu">
                        <li class="active">
                            <ul class="list">
                                <li>
                                    <a href="#" onClick="return false;" class="menu-toggle">

```

```

        <i class="ti-book"></i>
        <span>Reservation </span>
    </a>
    <ul class="ml-menu">
        <li>
            <a href="#">Reservation
        </li>
        <li>
            <a href="#">add new Reservation
        </li>
        <li>
            <a href="#">Update Reservation
        </li>
        <li>
            <a href="#">invoice list
        </li>
        >
    </ul>
</li>
<li>
    <a href="#" onClick="return false;" class="menu-toggle">
        <i class="ti-archive"></i>
        <span>Equipments</span>
    </a>
    <ul class="ml-menu">
        <li>
            <a href="#">Equipment widget
        </li>
        <li>
            <a href="#">Add Equipments
        </li>
        <li>
            <a href="#">Upload Equipments
        </li>
    </ul>
</li>
<li>
    <a href="#" onClick="return false;" class="menu-toggle">
        <i class="ti-package"></i>
        <span>Package</span>
    </a>

```

```

<ul class="ml-menu">

    <li>
        <a href="../../template/pages/ui/alerts.html">create package</a>
    </li>
    <li>
        <a href="../../template/pages/ui/animations.html">View package</a>
    </li>
    <li>
        <a href="../../template/pages/examples/blankp.html">edit
package</a>
    </li>

    </ul>
</li>
<a href="#" onClick="return false;" class="menu-toggle">
    <i class="ti-clipboard"></i>
    <span>Categories</span>
</a>
<ul class="ml-menu">

    <li>
        <a href="../../template/pages/examples/blank.html"> view Categories</a>
    </li>
    <li>
        <a href="../../template/pages/forms/form-examples.html"> Add
Categories</a>
    </li>
    <li>
        <a href="../../template/pages/examples/blank1c.html"> edit
Categories</a>
    </li>

    </ul>
</li>
<li>
    <a href="#" onClick="return false;" class="menu-toggle">
        <i class="ti-stamp"></i>
        <span>user</span>
    </a>
    <ul class="ml-menu">
        <li>
            <a href="../../template/pages//user/userlst.html">User list</a>
        </li>
        <li>
            <a href="../../template/pages//user/add.html">Add user</a>
        </li>
    
```

```

<li>
    <a href="../../template/pages//user/edit.html">Edit user</a>
</li>

</ul>
</li>
<li>
    <a href="../../template/pages//examples/forgot-password.html" >
        <i class="ti-info-alt"></i>
        <span>Options</span>
    </a>
</li>

<li>
    <a href="../../template/pages//examples/faqs.html">
        <i class="ti-control-backward"></i>
        <span>Preview</span>
    </a>
</li>

<li>
    <a href="../../template/index.html">
        <i class="ti-layout-slider-alt"></i>
        <span>Logout</span>
    </a>
</li>
<!-- #Menu -->
</aside>
<!-- #END# Left Sidebar -->
<!-- Right Sidebar -->
<aside id="rightsidebar" class="right-sidebar">
    <ul class="nav nav-tabs tab-nav-right" role="tablist">
        <li role="presentation">
            <a href="#skins" data-toggle="tab" class="active">SKINS</a>
        </li>
        <li role="presentation">
            <a href="#settings" data-toggle="tab">SETTINGS</a>
        </li>
    </ul>
    <div class="tab-content">
        <div role="tabpanel" class="tab-pane in active in active stretchLeft" id="skins">
            <div class="demo-skin">
                <div class="rightSetting">
                    <p>GENERAL SETTINGS</p>
                    <ul class="setting-list list-unstyled m-t-20">

```

```

<li>
    <div class="form-check">
        <div class="form-check m-l-10">
            <label class="form-check-label">
                <input class="form-check-input" type="checkbox"
value="" checked> Save
            History
            <span class="form-check-sign">
                <span class="check"></span>
            </span>
            </label>
        </div>
    </div>
</li>
<li>
    <div class="form-check">
        <div class="form-check m-l-10">
            <label class="form-check-label">
                <input class="form-check-input" type="checkbox"
value="" checked> Show
            Status
            <span class="form-check-sign">
                <span class="check"></span>
            </span>
            </label>
        </div>
    </div>
</li>
<li>
    <div class="form-check">
        <div class="form-check m-l-10">
            <label class="form-check-label">
                <input class="form-check-input" type="checkbox"
value="" checked> Auto
            Submit Issue
            <span class="form-check-sign">
                <span class="check"></span>
            </span>
            </label>
        </div>
    </div>
</li>
<li>
    <div class="form-check">
        <div class="form-check m-l-10">
            <label class="form-check-label">
                <input class="form-check-input" type="checkbox"
value="" checked> Show

```

```

        Status To All
        <span class="form-check-sign">
            <span class="check"></span>
        </span>
    </label>
</div>
</div>
</li>
</ul>
</div>
<div class="rightSetting">
    <p>SIDEBAR MENU COLORS</p>
    <button type="button" class="btn btn-sidebar-light btn-border-radius p-l-20 p-r-20">Light</button>
    <button type="button" class="btn btn-sidebar-dark btn-default btn-border-radius p-l-20 p-r-20">Dark</button>
</div>
<div class="rightSetting">
    <p>THEME COLORS</p>
    <button type="button" class="btn btn-theme-light btn-border-radius p-l-20 p-r-20">Light</button>
    <button type="button" class="btn btn-theme-dark btn-default btn-border-radius p-l-20 p-r-20">Dark</button>
</div>
<div class="rightSetting">
    <p>SKINS</p>
    <ul class="demo-choose-skin choose-theme list-unstyled">
        <li data-theme="black" class="actived">
            <div class="black-theme"></div>
        </li>
        <li data-theme="white">
            <div class="white-theme white-theme-border"></div>
        </li>
        <li data-theme="purple">
            <div class="purple-theme"></div>
        </li>
        <li data-theme="blue">
            <div class="blue-theme"></div>
        </li>
        <li data-theme="cyan">
            <div class="cyan-theme"></div>
        </li>
        <li data-theme="green">
            <div class="green-theme"></div>
        </li>
        <li data-theme="orange">
            <div class="orange-theme"></div>
        </li>
    </ul>
</div>

```

```

        </ul>
    </div>
    <div class="rightSetting">
        <p>Disk Space</p>
        <div class="sidebar-progress">
            <div class="progress m-t-20">
                <div class="progress-bar l-bg-cyan shadow-style width-per-45"
role="progressbar"
                    aria-valuenow="45" aria-valuemin="0" aria-
                    value="100"></div>
            </div>
            <span class="progress-description">
                <small>26% remaining</small>
            </span>
        </div>
    </div>
    <div class="rightSetting m-b-15">
        <p>Server Load</p>
        <div class="sidebar-progress">
            <div class="progress m-t-20">
                <div class="progress-bar l-bg-orange shadow-style width-per-63"
role="progressbar"
                    aria-valuenow="63" aria-valuemin="0" aria-
                    value="100"></div>
            </div>
            <span class="progress-description">
                <small>Highly Loaded</small>
            </span>
        </div>
    </div>
</div>
<div role="tabpanel" class="tab-pane stretchRight" id="settings">
    <div class="demo-settings">
        <p>GENERAL SETTINGS</p>
        <ul class="setting-list">
            <li>
                <span>Report Panel Usage</span>
                <div class="switch">
                    <label>
                        <input type="checkbox" checked>
                        <span class="lever switch-col-green"></span>
                    </label>
                </div>
            </li>
            <li>
                <span>Email Redirect</span>
                <div class="switch">

```

```
<label>
    <input type="checkbox">
    <span class="lever switch-col-blue"></span>
</label>
</div>
</li>
</ul>
<p>SYSTEM SETTINGS</p>
<ul class="setting-list">
    <li>
        <span>Notifications</span>
        <div class="switch">
            <label>
                <input type="checkbox" checked>
                <span class="lever switch-col-purple"></span>
            </label>
        </div>
    </li>
    <li>
        <span>Auto Updates</span>
        <div class="switch">
            <label>
                <input type="checkbox" checked>
                <span class="lever switch-col-cyan"></span>
            </label>
        </div>
    </li>
</ul>
<p>ACCOUNT SETTINGS</p>
<ul class="setting-list">
    <li>
        <span>Offline</span>
        <div class="switch">
            <label>
                <input type="checkbox" checked>
                <span class="lever switch-col-red"></span>
            </label>
        </div>
    </li>
    <li>
        <span>Location Permission</span>
        <div class="switch">
            <label>
                <input type="checkbox">
                <span class="lever switch-col-lime"></span>
            </label>
        </div>
    </li>
```

```

        </ul>
    </div>
</div>
</aside>
<!-- #END# Right Sidebar -->
</div>
<section class="content">
    <div class="container-fluid">
        <div class="block-header">
            <div class="row">
                <div class="col-xs-12 col-sm-12 col-md-12 col-lg-12">
                    <ul class="breadcrumb breadcrumb-style ">
                        <li class="breadcrumb-item">
                            <h4 class="page-title">Add Member</h4>
                        </li>
                        <li class="breadcrumb-item bcrumb-1">
                            <a href="../../template/index.html">
                                <i class="fas fa-home"></i>Home</a>
                            </li>
                        <li class="breadcrumb-item bcrumb-2">
                            <a href="#" onClick="return false;">list</a>
                        </li>
                        <li class="breadcrumb-item active">Memeber</li>
                    </ul>
                </div>
            </div>
        </div>
        <!-- Vertical Layout -->
        <div class="row clearfix">
            <div class="col-lg-12 col-md-12 col-sm-12 col-xs-12">
                <div class="card">
                    <div class="header">
                        <h2>
                            <strong>ADD</strong>
                        <ul class="header-dropdown m-r--5">
                            <li class="dropdown">
                                <a href="#" onClick="return false;" class="dropdown-toggle" data-
toggle="dropdown"
                                    role="button" aria-haspopup="true" aria-expanded="false">
                                    <i class="material-icons">more_vert</i>
                                </a>
                                <ul class="dropdown-menu pull-right">
                                    <li>
                                        <a href="#" onClick="return false;">Action</a>
                                    </li>
                                    <li>
                                        <a href="#" onClick="return false;">Another action</a>
                                    </li>
                                </ul>
                            </li>
                        </ul>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        </li>
        <li>
            <a href="#" onClick="return false;">Something else
here</a>
        </li>
    </ul>
</li>
</ul>
</div>
<div class="body">
    <form>
        <label for="email_address">S.NO</label>
        <div class="form-group">
            <div class="form-line">
                <input type="text" id="email_address1" class="form-control"
placeholder="S.NO">
            </div>
        </div>
        <label for="password">NAME</label>
        <div class="form-group">
            <div class="form-line">
                <input type="password" id="password" class="form-control"
placeholder="Enter your name">
            </div>
        </div>
        <label for="password">MAIL ID</label>
        <div class="form-group">
            <div class="form-line">
                <input type="password" id="password" class="form-control"
placeholder="Enter your mailid">
            </div>
        </div>
        <label for="password">REGISTRATION</label>
        <div class="form-group">
            <div class="form-line">
                <input type="password" id="password" class="form-control"
placeholder="registration date">
            </div>
        </div>
        <label for="password">ROLL</label>
        <div class="form-group">
            <div class="form-line">
                <input type="password" id="password" class="form-control"
placeholder="enter your roll">
            </div>
        </div>
        <label for="password">STATUS</label>
        <div class="form-group">
            <div class="form-line">
                <input type="password" id="password" class="form-control"
placeholder="Enter your status">
            </div>
        </div>
    </form>
</div>

```

```

                </div>
            </div>
        <br>
    </form>

    <button class="btn btn-success btn-copy button-html" tabindex="0"
aria-controls="datatable-button" type="button"><a href="../../template/pages/user/userlst.html"
style="text-decoration:none; color:white"><span>SAVE</span></a></button>
    <button class="btn btn-info btn-copy button-html" tabindex="0" aria-
controls="datatable-button" type="button"><a href="../../template/pages/userlst.html" style="text-
decoration:none; color: white"><span>BACK</span></a></button>
            </div>
        </form>
    </div>
</div>
</div>
<!-- #END# Vertical Layout -->

<!-- #END# Multi Column -->
</div>
</section>
<!-- Plugins Js -->
<script src="../../static/assets/js/app.min.js"></script>
<!-- Custom Js -->
<script src="../../static/assets/js/admin.js"></script>
<!-- Demo Js -->
</body>
</html>

```

14. ADVANTAGES AND APPLICATIONS:

There are various advantages of this application –

- Enhance Business Processes: To be able to use internet technology to improve the process of demand and supply of tractor.
- Online Tractor Reservation: A tool through which a user can reserve available tractor online prior to their expected using date or time.
- Availability: Tractor can be booked instantly without even going out of the home.

- Transparency: Users will get information about tractor and equipment and will get prior information about the rent he/she has to pay according to hour of service.
- User friendly: We have used two languages in this app. One is English other one is Hindi. It will make it easy for farmers to use this application.
- Flexibility: The farmer can choose long term or short term hire depending upon their needs and can choose any type of tractor and equipment they need.
- Can be used as a general renting service for farmers.
- Can be used as an interface between farmers who want hire and those who want to let out equipment.
- Can be used for large scale agriculture (corporate farming).

15.CONCLUSION

By implementing the project which is ' FARM EQUIPMENT RENTAL SYSTEM', we conclude that the problem statement is totally being eliminated through the deployment of this project. And the objective is achieved through the android application. Firstly, we did problem analysis and we recognize the problem of farmers regarding renting a tractor and agriculture equipment for the various agriculture purposes and using our engineering knowledge we discussed and design the solution for the problem by developing an android application. While working on solution, various problems were faced for which we conduct investigation on problems of our project like gathering information on various agriculture equipment used by farmer so that we can efficiently serve the requirement of

farmer. We used Hindi language to make the application easy to use for farmer. This application can be used by farmer, by maintaining the ethics of application usage. This application is developed through teamwork and it is environment friendly as it doesn't exist in physical form. We followed software engineering concepts to design and develop this project. We used the concepts algorithm and programming languages like java. We followed software development life cycle to develop our project. After performing all these tasks and completing all the processes we have learned the valuable aspects of working in a team.

16. REFERENCES

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- References from YouTube.
- References from Chrome.

