

INTRODUCTION

1.1:Introduction

“Sugarcane Farming System” is the project which helps the user to choose to booking for the cutting sugarcane in the factory. Sugar Farming System helps the user to compare with different factory with their Specification.

Sugar industry is an important agro-based industry that impacts rural livelihood of about 50 million sugarcane farmers and around 5 lakh workers directly employed in sugar mills. Employment is also generated in various ancillary activities relating to transport, trade servicing of machinery and supply of agriculture inputs. India is the second largest producer of sugar in the world after Brazil and is also the largest consumer. Today Indian sugar industry's annual output is worth approximately Rs.80,000 crores. There are 732 installed sugar factories in the country as on 31.07.2021, with sufficient crushing capacity to produce around 339 lakh MT of sugar. The capacity is roughly distributed equally between private sector units and cooperative sector units.

1.2:About Existing System

In existing Institute Management System, all the sections have their separate files that too is kept in documents. All the sections have to be maintained manually and information have to store by hands. In existing system, a bundle of files are maintained for every section which in results makes a cluster of files of only one section even.

Existing system takes too much time to update the details but still results in less accurate work as compared to the given details. Existing system even have an increase the chances of losing files even.

In the proposed Institute Management System, everything is designing and developing in such a way that it works automatically. Every part of the regular activities going on in an institution. All the database of the attendance is created and is stored in the server automatically.

1.3:Need And Scope of System:

1. It satisfies the user requirement
2. Be easy to understand by the user and operator
3. Be easy to operate
4. Have a good user interface
5. Be expandable

1.4:Organization Profile:**Company Profile**

Tecspeak IT Solutions providing graphic designing, web design and development, software development and services, social media marketing, digital marketing, corporate training, networking training, Relationship services to individuals and corporate all around the world.

Our Vision is to serve our clients' needs in manner that achieves the highest levels of competitive performance. We understand and work towards overcoming the ever-increasing challenges and demands posed by today's Digital world. Our mission is simple, to change the way people experience media and the urban landscape. And by media, we really mean everything - every tangible aspect of a brand - from its name to its products and absolutely everything in-between. Advertising means nothing if a brand's overarching story isn't strongly communicated at every level and opportunities to connect with its audience is overlooked or undervalued. When all interactions reinforce a unique and compelling brand story, Phenomenology is defined.

As we head into the future, our focus is on the "Design and Digital" segments. We have expanded our portfolio to address the growing digital need of the future. As our history suggests, we have always been ahead of the technology curve and our new foray into new digital segments reflects the same.

Key Features

- We respect the ideals.
- Design is start with Study.
- Great brand created by greater hard work.
- Brand speaks more about us.
- Intelligibility and partnership win.
- Web data structural development ready.

Services Provided By Company

Tecspeak IT Solutions Services is a trusted outsourcing partner for organizations all over the world. We offer an amount of services to clients belonging to varied domains like Corporate and media houses, publishers, marketing solutions companies and retail brands.

We follow a clearly defined work process when providing revisions and new ideas. The end result: great design, right on time and at a reasonable cost. And all that with personal touch!

We provide following services.

WEB DESIGN & DEVELOPMENT

Our designers understand the importance of good use of color, easily readable text, meaningful Graphics, User friendly design.

WINDOWS APPLICATION DEVELOPMENT

We pride ourselves in delivering to our customer's complete, highly adaptable solutions in custom software and database development tailored to your specific requirements.

ANDROID APPLICATION DEVELOPMENT

Android software development is the process by which new applications are created for devices running the Android operating system.

Tecspeak IT Solutions designers are all classically trained with degrees in design, but that is not enough, we are passionate about colors and creativity. We are having the greater experience from the World wide clients and day by day we Improving our skills and that's makes us more confident and that confident is reflect in our work and the Brand stories that we make.



Office No. 4. Ayodhya Annex, Near Pai Prakash Hotel, Vishrambag Sangli.

Proposed System

2.1:Objectives:

- Easy sugarcane cutting booking
- Farmer can see Payment and weight slip details
- Time saving Application.
- Reducing manual working.
- Increase efficiency.

2.2:Requirement Engineering:

The process to gather the software requirements from client, analyse and document them is known as requirement engineering.

The goal of requirement engineering is to develop and maintain sophisticated and descriptive ‘System Requirements Specification’ documen

2.2.1:Requirement Gathering:

Requirements Gathering is a fundamental part of any software development project. These are things like “User wants to do X. How is this achieved?” In effect, Requirements Gathering is the process of generating a list of requirements (functional, system, technical, etc.) from all the stakeholders (customers, users, vendors, IT staff) that will be used as the basis for the formal definition of what the project is.

Because the requirements define the project, poorly written requirements can cause problems during development and, more seriously, cause projects to fail if the goals have been misunderstood. As the adage goes, “fail to prepare, and you prepare to fail” ...

The importance of Requirements Gathering:

Business customers tend to expect software teams to deliver a solution based on unspoken, incomplete or unknown requirements, while software teams tend to assume that business customers will communicate exactly what they want as succinctly as possible. Both expectations are obviously unrealistic. Therefore, the requirements need to be formally captured in one document that can be used as a reference during software development. In the case where potential vendors are still being shortlisted, an essential starting point is to at least gather all the key requirements to allow for ball-park quotes. Good gathering, processing and management of requirements is important as it sets clear targets for everyone to aim for. It can be a lot of hard work, but it need not be a daunting task if you can keep some key points in mind.

2.2.2:Software Requirement:

The software requirements are description of features and functionalities of the target system. Requirements convey the expectations of users from the software product. The requirements can be obvious or hidden, known or unknown, expected or unexpected from client's point of view. SRS is a document created by system analyst after the requirements are collected from various stakeholders. SRS defines how the intended software will interact with hardware, external interfaces, speed of operation, response time of system, portability of software across various platforms, maintainability, speed of recovery after crashing, Security, Quality, Limitations etc. The requirements received from client are written in natural language. It is the responsibility of system analyst to document the requirements in technical language so that they can be comprehended and useful by the software development team. SRS should come up with following features:

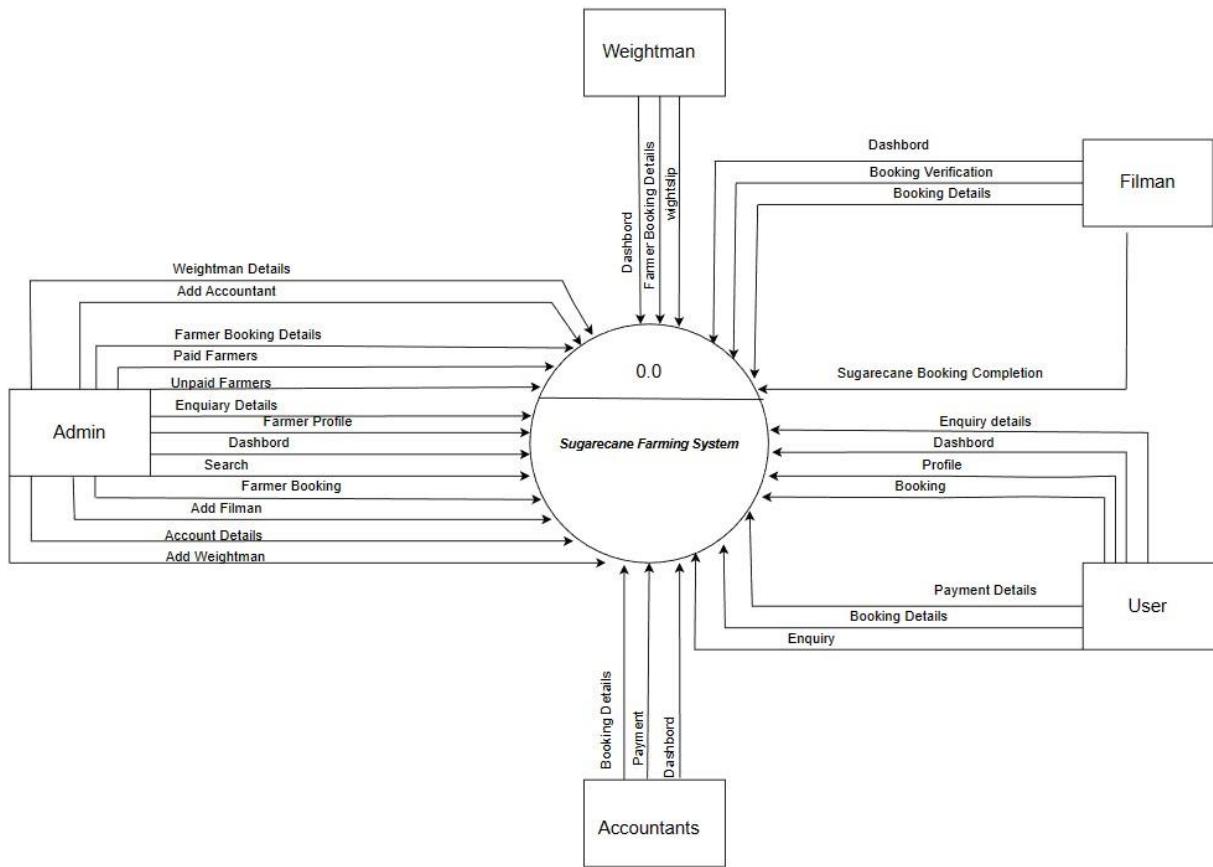
- User Requirements are expressed in natural language.

- Technical requirements are expressed in structured language, which is used inside the organization.
- Design description should be written in Pseudo code.
- Format of Forms and GUI screen prints.
- Conditional and mathematical notations for DFDs etc.

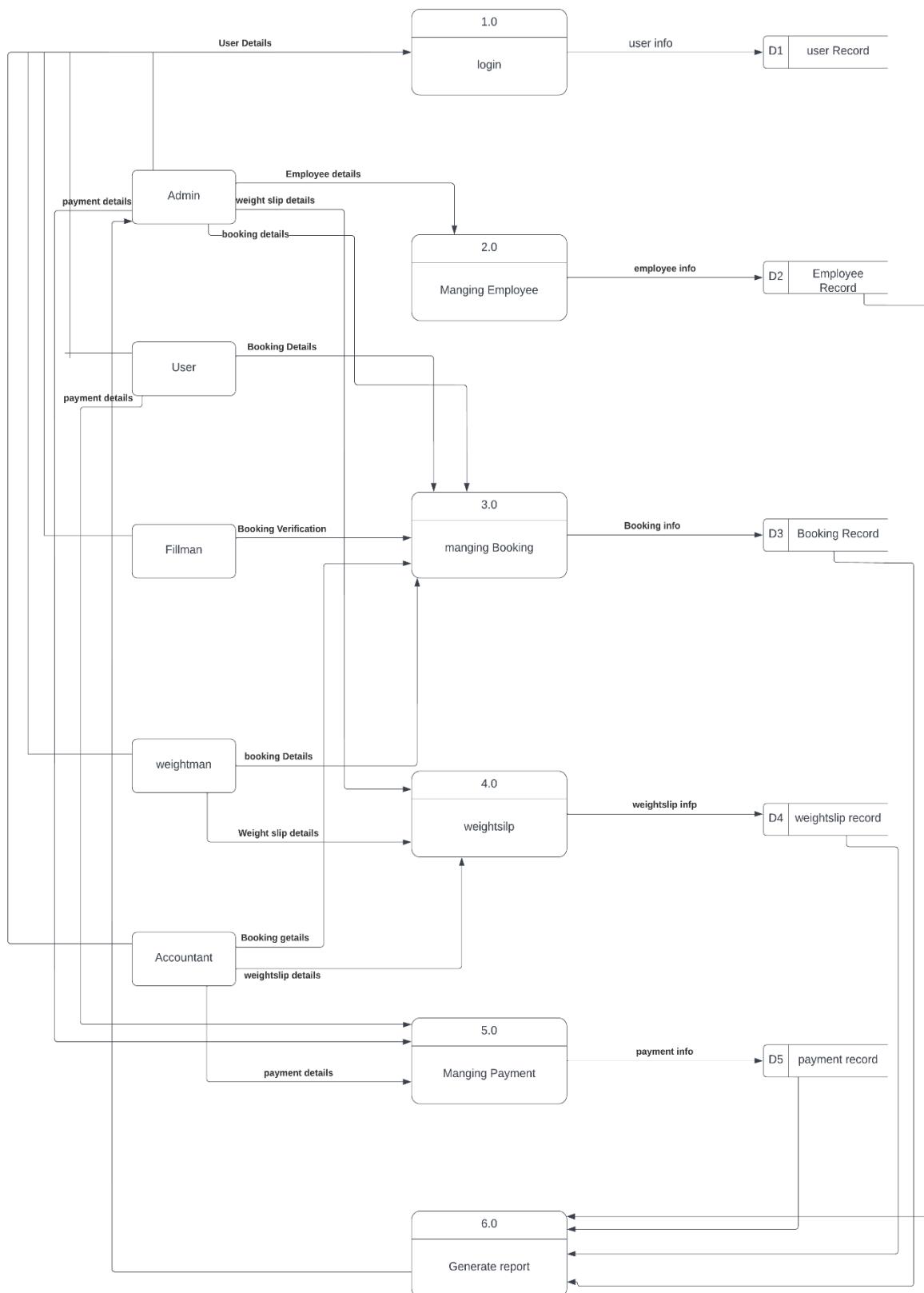
System Analysis

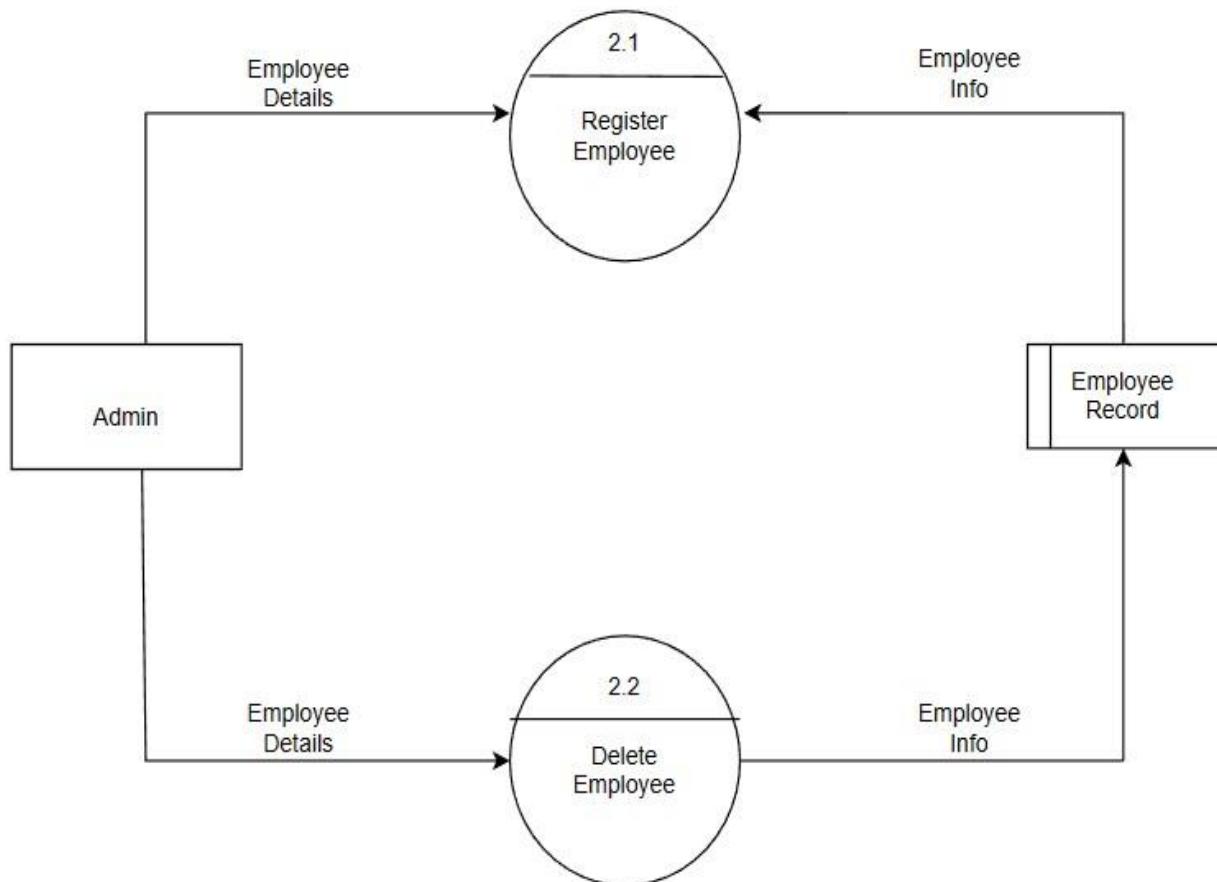
3.1 DATA FLOW DIAGRAM –

CONTEXT LEVEL DIAGRAM:

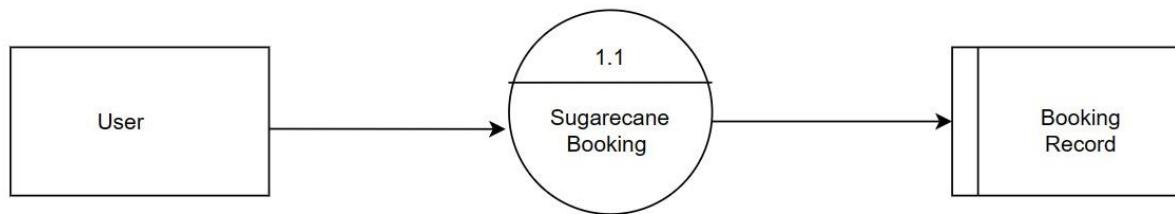


3.1.1 FIRST LEVEL DIAGRAM:

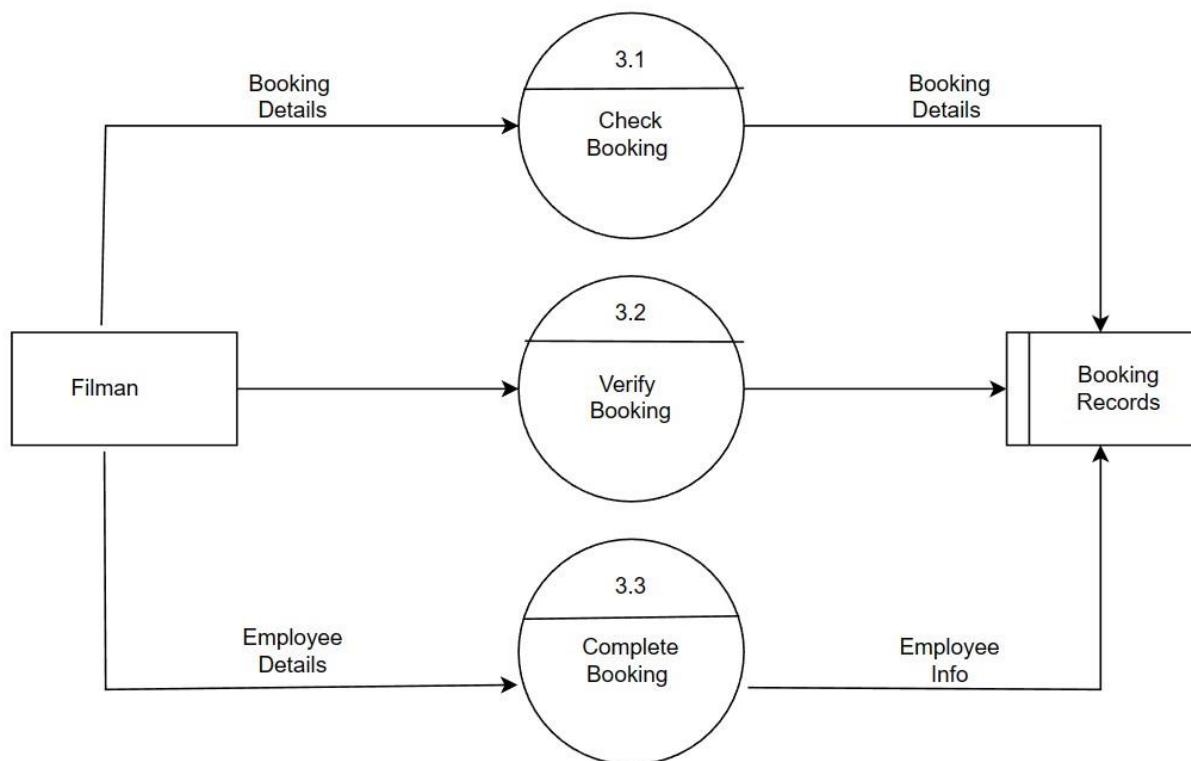


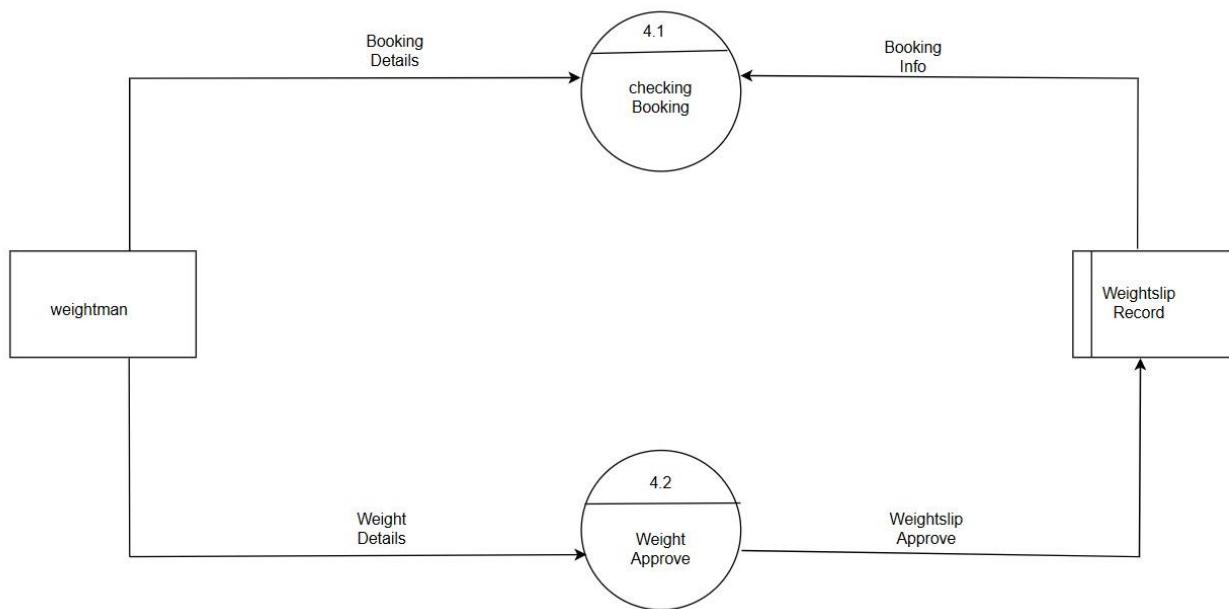
3.1.1.1 ADMIN FIRST LEVEL DFD:

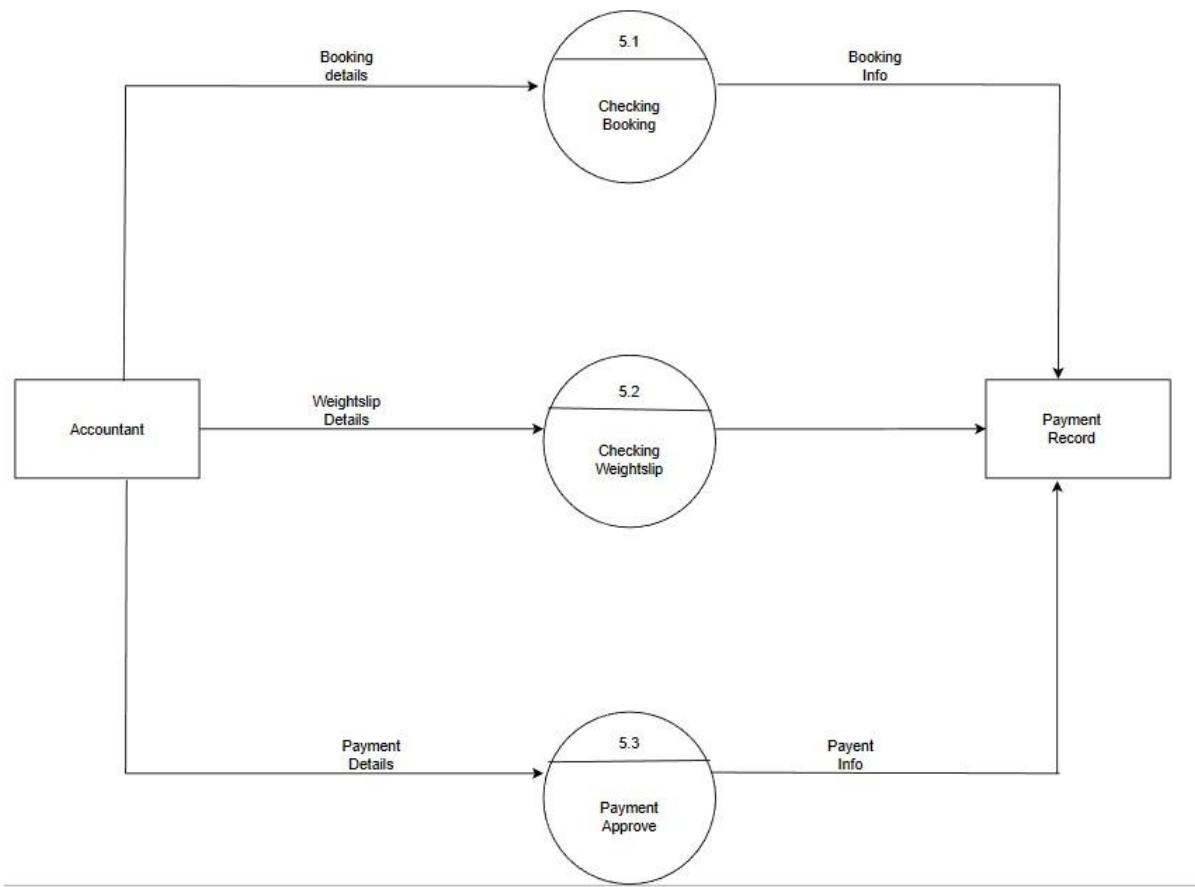
3.1.1.2 USER FRIST LEVEL DFD:



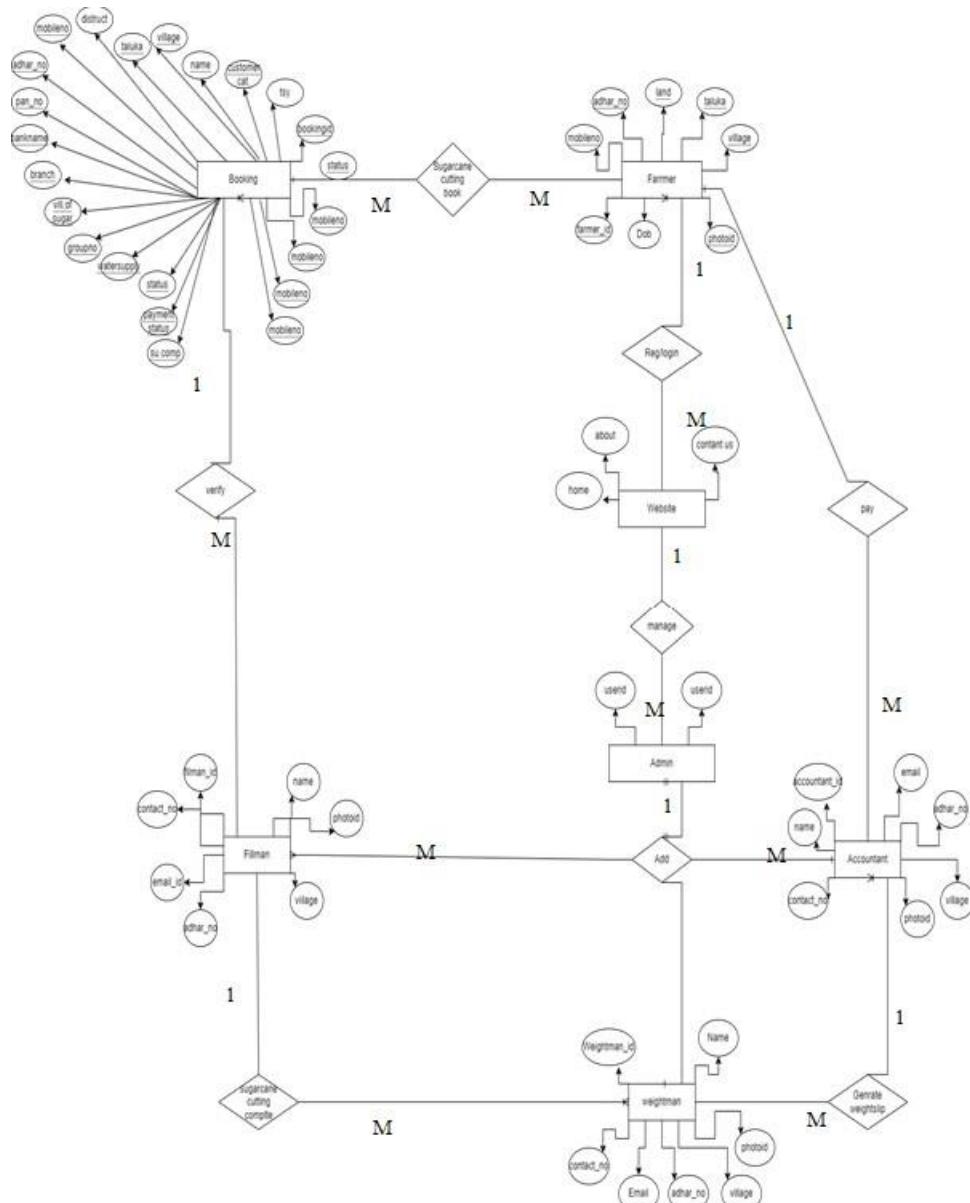
3.1.1.3 FILLMAN FRIST LEVEL DFD:



3.1.1.4 WEIGHTMAN FRIST LEVEL DFD

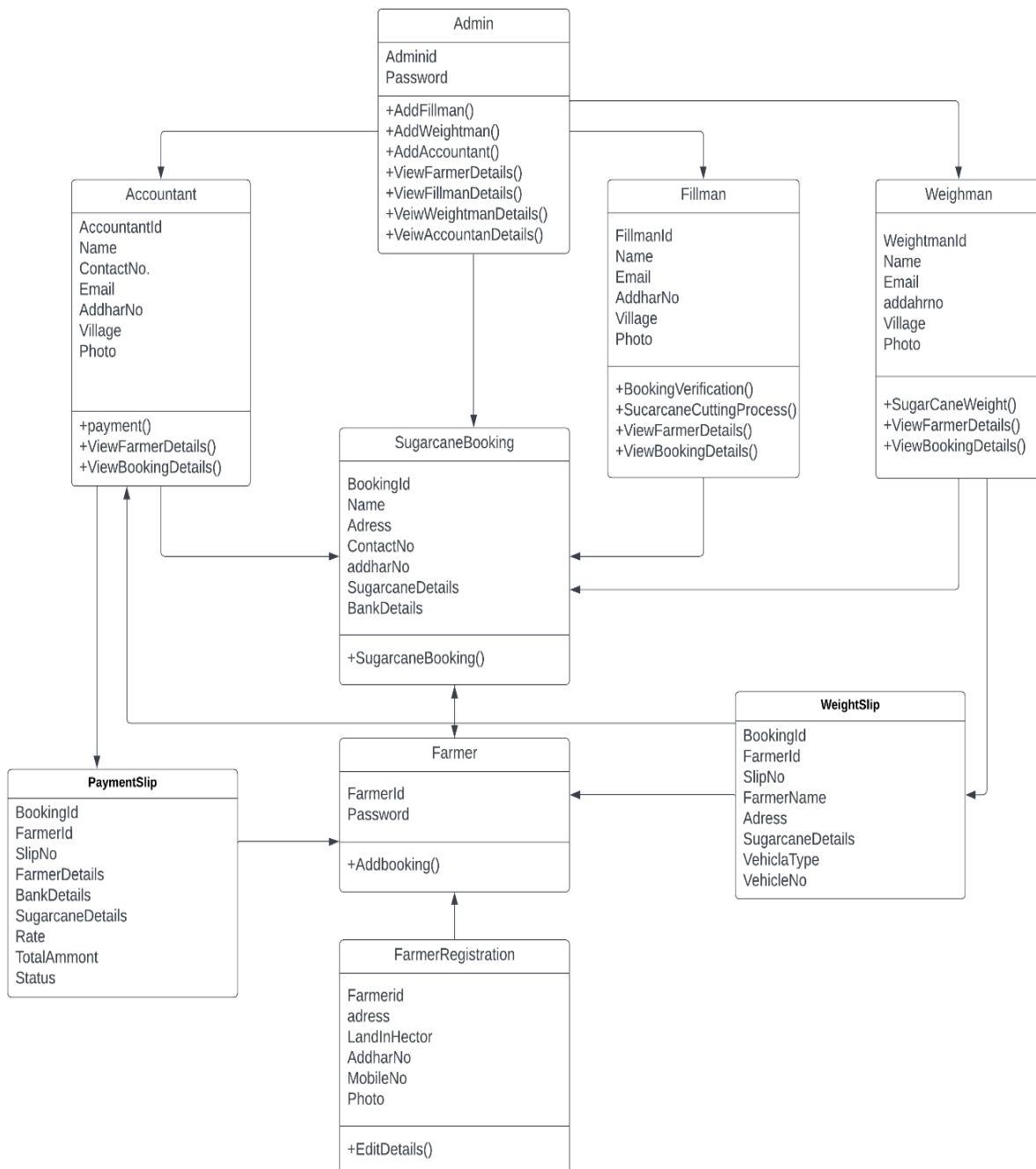
3.1.1.5 ACCOUNTANT FIRST LEVEL DFD

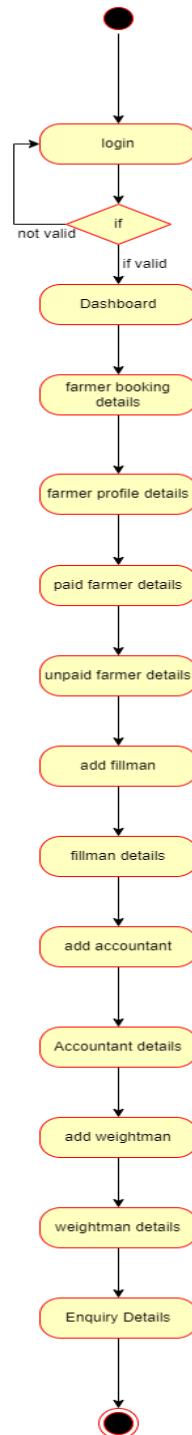
3.2 ERD (Entity Relationship Diagram):



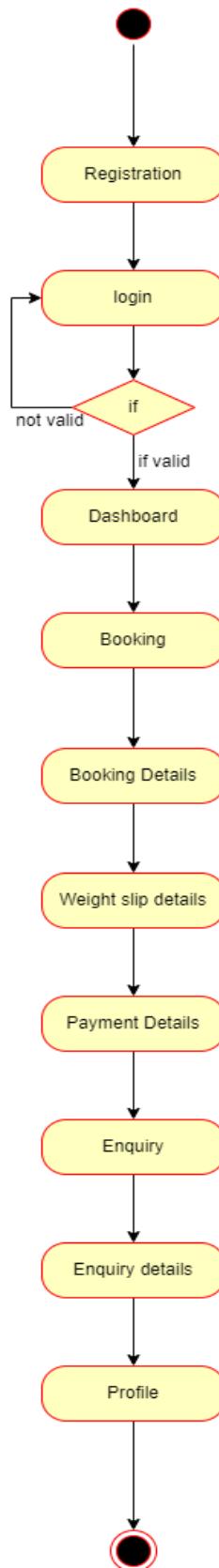
3.3 UML (Unified Modeling Language):**Use Case Diagram**

Class Diagram

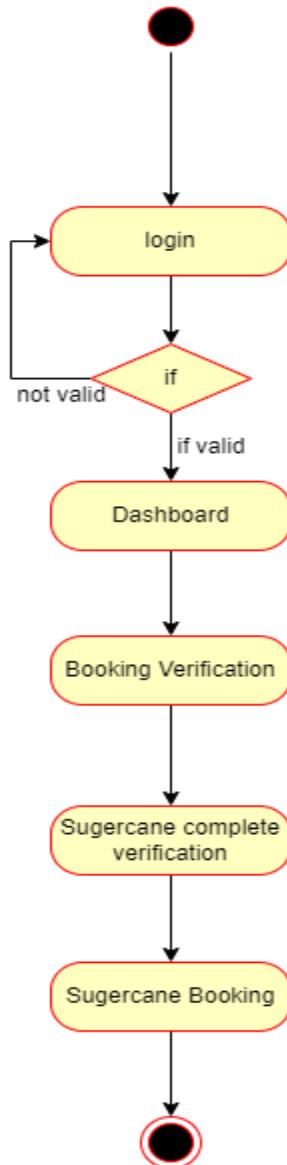


Activity Diagram:**Activity Diagram of Admin: -**

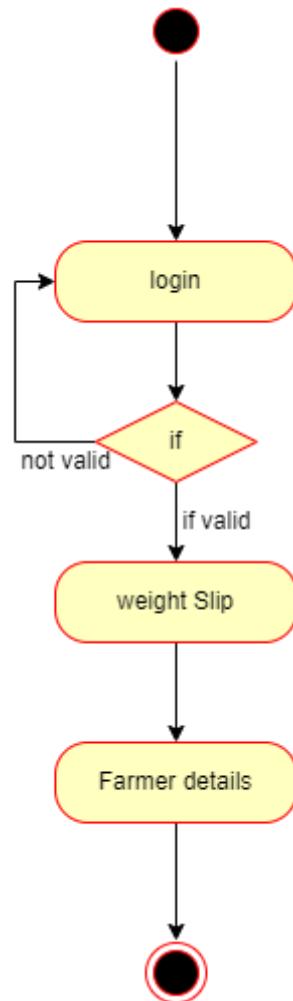
Activity Diagram of Farmer (User): -

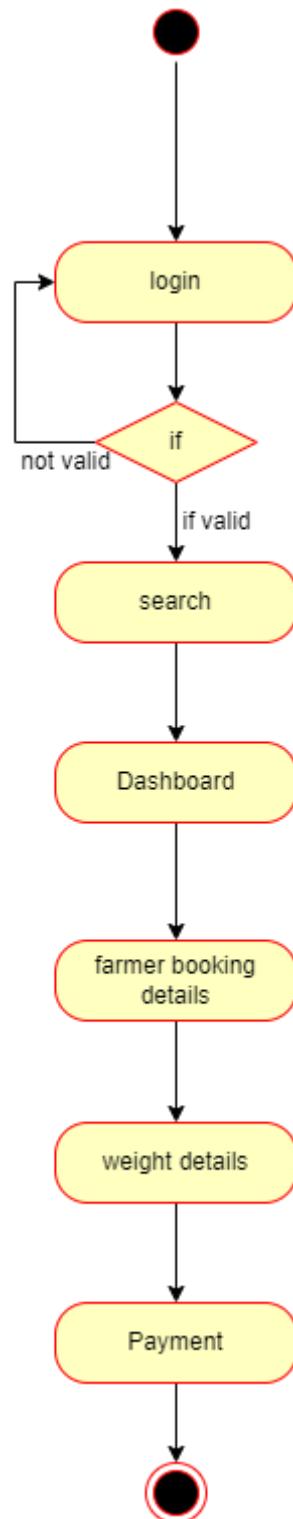


Activity Diagram of Fillman:-

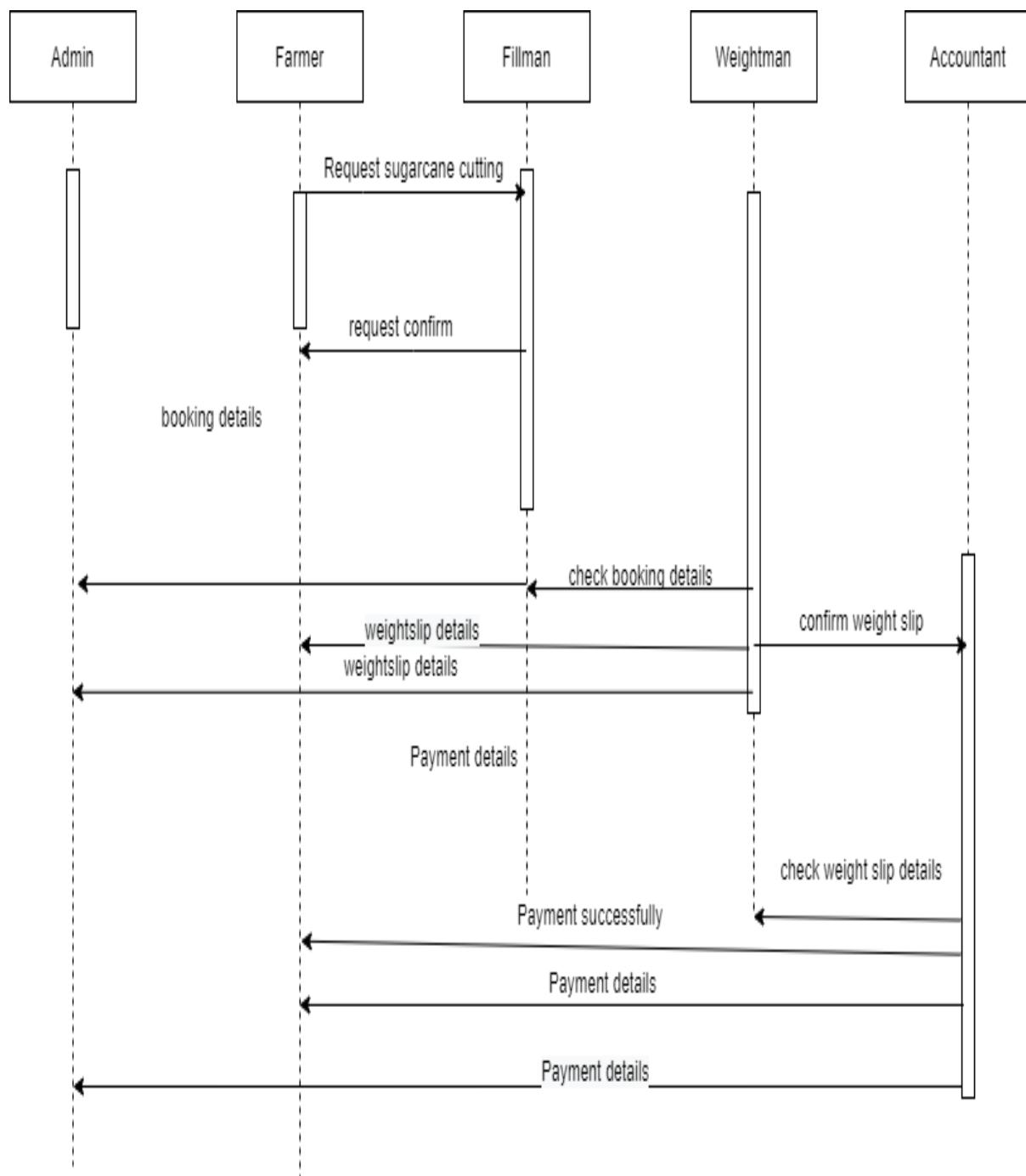


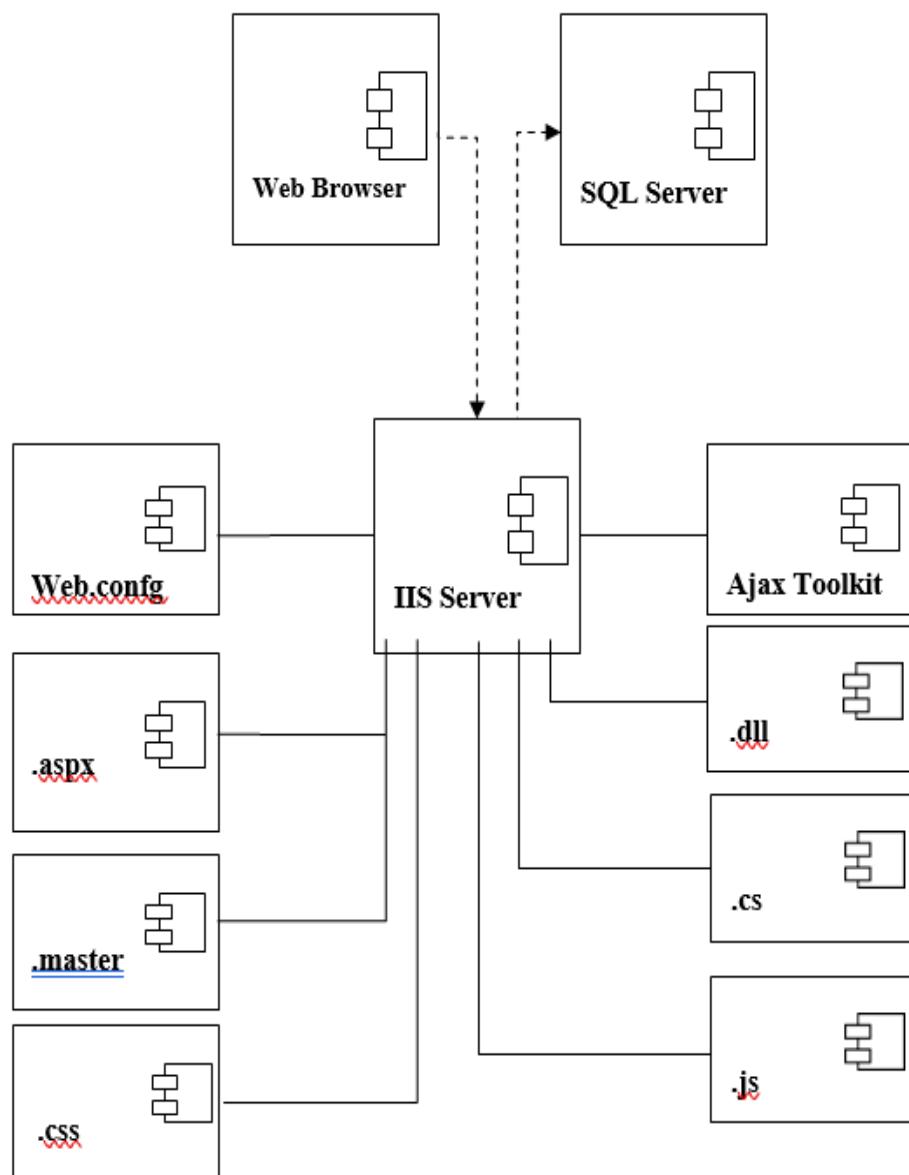
Activity Diagram of Weightman:-



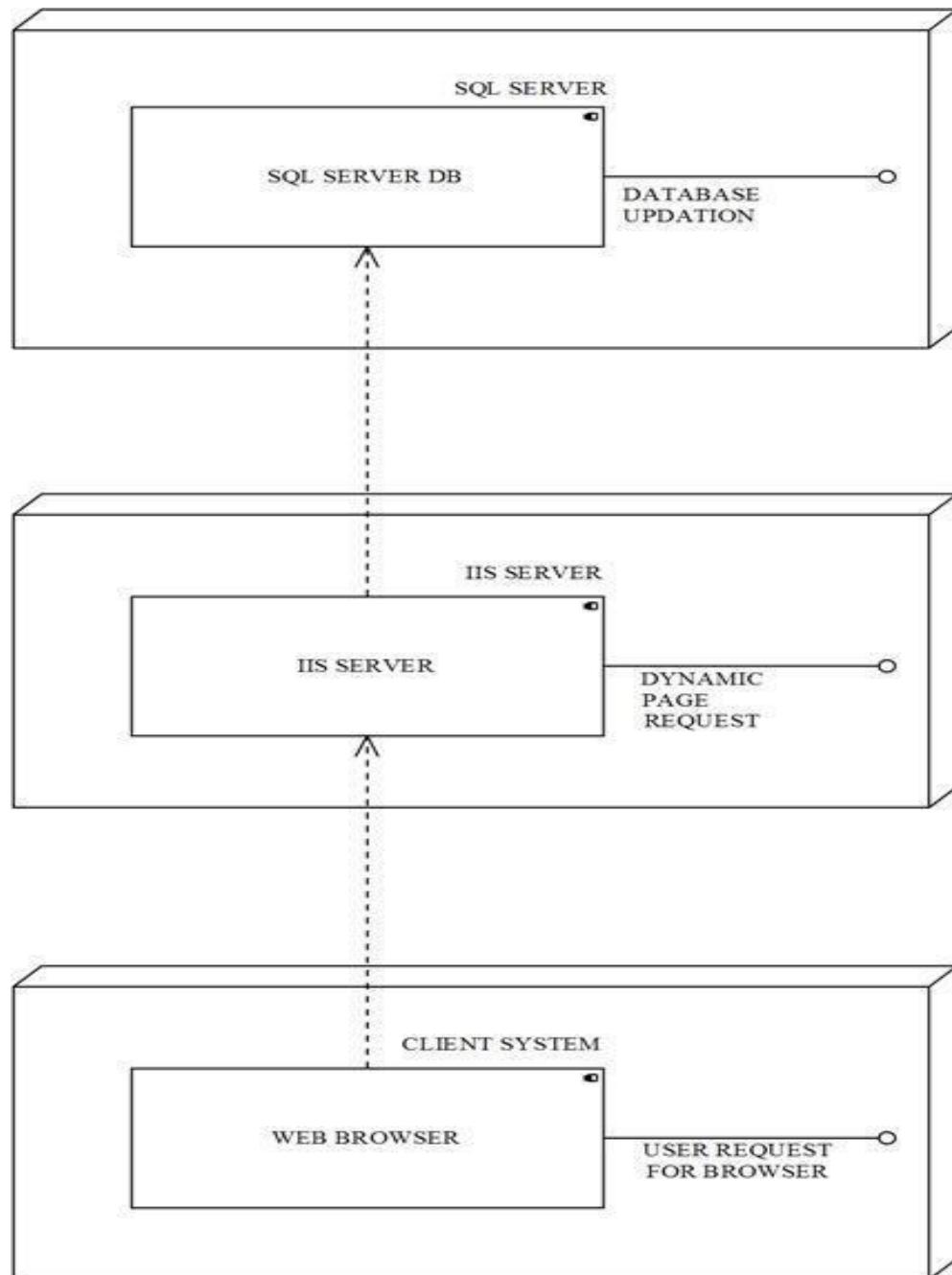
Activity Diagram of Accountant:-

Sequence Diagram:-



Component Diagram:-

Development Diagram:-



System Design

4.1 Database Design :-

Admin: This table is used to store the admin's login details.

Column Name	Datatype	Description
Admin Id	nvarchar(MAX)	Store the id.
Admin Password	nvarchar(MAX)	Store the name of admin.

User/Farmer: This table is used to store farmer's registration details.

Column Name	Datatype	Description
Farmer_id(PK)	Int	Store the id.
Farmer_name	nvarchar(MAX)	Store the name of farmer.
Village	nvarchar(MAX)	Store the name of village.
Taluka	nvarchar(MAX)	Store the name of taluka.
Land_in_hectare	nvarchar(MAX)	Store the area of sugarcane field.
Adhar_number	Bigint	Store the adhar number.
Mobile_no	nvarchar(MAX)	Store the mobile number.
Email_id	nvarchar(MAX)	Store the mail id.
Date_of_birth	Date	Store the date of birth.
Photo_id	nvarchar(MAX)	Store the photo id.

Sugarcane Booking: This table is used to store sugarcane booking details.

Booking_id(PK)	int	Store the booking id.
threshaning_season_year	nvarchar(MAX)	Store the threshaning year.
Customer_category	nvarchar(MAX)	Store the category
Full_name	nvarchar(MAX)	Store the farmer name.
village	nvarchar(MAX)	Store the village name.
Taluka	nvarchar(MAX)	Store the taluka name.
District	nvarchar(MAX)	Store the district name.
Mobile_no	nvarchar(MAX)	Store the mobile number.
Addhar_card_no	nvarchar(MAX)	Store the addhar number.
Pan_card_no	nvarchar(MAX)	Store the pan number.
Bank_name	nvarchar(MAX)	Store the bank name.
branch	nvarchar(MAX)	Store the branch name
Account_no	nvarchar(MAX)	Store the account number
Village_of_sugarcane_field	nvarchar(MAX)	Store the village of sugarcane field.
Group_no	nvarchar(MAX)	Store the number of group.
Water_supplies	nvarchar(MAX)	Store the source of water supplies.
Land-in_hectare	nvarchar(MAX)	Store the area of sugarcane.
Sugarcane_variety	nvarchar(MAX)	Store the variety of sugarcane
Verify_status	nvarchar(MAX)	It stores the status of verify.
Sugarcane_complete	nvarchar(MAX)	It stores the status of sugarcane complete.
Farmer_id(FK)	int	Store the farmer id.
Payment_status	nvarchar(MAX)	It stores the status of payment.
Booking_date	date	Its store the booking date

Fillman Table: This table is used to store fillman registration details.

Fillman_id(PK)	bigint	Store the fillman id.
Fillman_name	nvarchar(MAX)	Store the name of fillman.
Contact_no	bigint	Store the contact details.
Addhar_no	nvarchar(MAX)	Store the addhar number.
Taluka	nvarchar(MAX)	Store the Taluka of fillman
Village	nvarchar(MAX)	Store the village name.
Photo_id	nvarchar(MAX)	Store the photo id.

Weightman registration: This table is used to store weightman registration Details.

weightman_id(PK)	bigint	Store the weightman id.
weightman_name	nvarchar(MAX)	Store the name of weightman.
Contact_no	bigint	Store the contact details.
Addhar_no	nvarchar(MAX)	Store the addhar number.
Village	nvarchar(MAX)	Store the village name.
Photo_id	nvarchar(MAX)	Store the photo id.

Accountant registration: This table is used to store Accountant registration Details.

Accountant_id(PK)	bigint	Store the accountant id.
Accountant_name	nvarchar(MAX)	Store the name of accountant.
Contact_no	bigint	Store the contact details.
Addhar_no	nvarchar(MAX)	Store the addhar number.
Village	nvarchar(MAX)	Store the village name.
Photo_id	nvarchar(MAX)	Store the photo id.

Sugarcane weight slip: this table is used to store weight slip details.

Slip no(PK)	int	Store the slip number.
Farmer_name	nvarchar(MAX)	Store the farmer name.
Village	nvarchar(MAX)	Store the name of village.
Taluka	nvarchar(MAX)	Store the taluka.
Sugarcane_vareity	nvarchar(MAX)	Store the sugarcane variety.
Sugarcane weight	nvarchar(MAX)	Store the sugarcane weight.
Customer_category	nvarchar(MAX)	Store the customer category.
Vehicle type	nvarchar(MAX)	Store the vehicle type.
Vehicle no	nvarchar(MAX)	Store the vehicle number.
Group_no	nvarchar(MAX)	Store the group number.
Slip date	date	Store the slip date.
Booking_id	int	Store the booking id.
Farmer_id_(FK)	int	Store the farmer id.

Sugarcane payment: this table is used to store payment details.

Farmer_id(FK)	Int	Store the farmer id.
Booking_id	Int	Store the booking id.
Slip no(PK)	Int	Store the slip number.
Payment_date	date	Store the payment date.
Farmer_name	nvarchar(MAX)	Store the farmer name.
Village	nvarchar(MAX)	Store the village name.
Mobile_no	bigint	Store the mobile number.
Bank_name	nvarchar(MAX)	Store the bank name.
Account_no	nvarchar(MAX)	Store the account number.
Land_in_hectors	nvarchar(MAX)	Store the area of sugarcane field.
Sugarcane_vareity	nvarchar(MAX)	Store the sugarcane variety.
Sugartone	nvarchar(MAX)	Store the weight of sugarcane.
Rate	nvarchar(MAX)	Store the rate of sugarcane.
Total	nvarchar(MAX)	Store the total of sugarcane
status	nvarchar(MAX)	It stores status of payment.

Enquiry table: this table used to store enquiries of farmers.

Enquiry_id(PK)	int	Store the enquiry id.
Farmer_id	nvarchar(MAX)	Store the farmer id.
Farmer_name	nvarchar(MAX)	Store the farmer name.
Farmer_village	nvarchar(MAX)	Store the village name.
Farmer_mobileno	nvarchar(MAX)	Store the mobile number.
Farmer_query	nvarchar(MAX)	Store the farmers query.
status	nvarchar(MAX)	It stores status of enquiry.

4.2: INPUT DESIGN:-

Home Page:

Description : User will see this page at first ,from this home page user can access all other menue

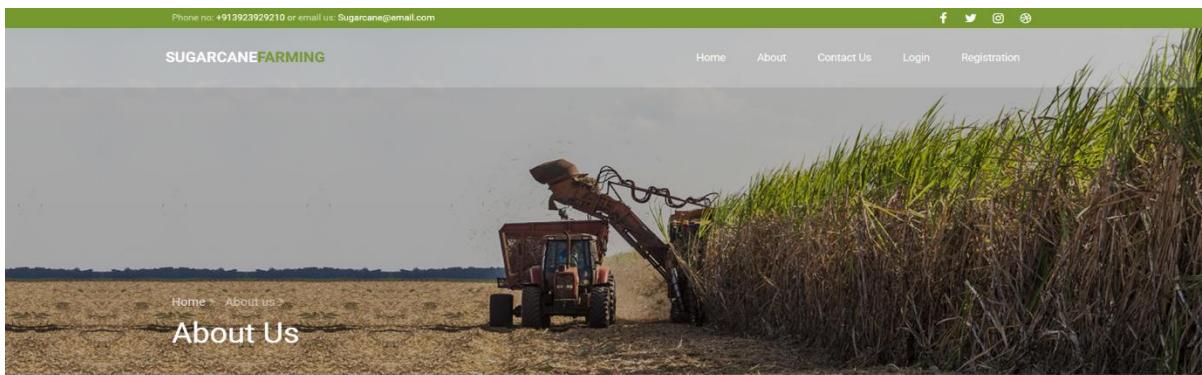
Career With Dwarikesh

Glimpses of excellence



About Us :

Description : This page show information and about feature of sugarcane farming system



A legacy of diversified excellence

The group, which made a humble beginning with the commissioning of its first plant of 2500 TCD in Bijnor district of Uttar Pradesh, stands tall today across the sweet landscape of sugar manufacturing, along with ethanol and industrial alcohol production. Headquartered in Mumbai and steered by a legacy of excellence, the group is led by the philosophy to either find a way or make one to achieve excellence across its business value chain.

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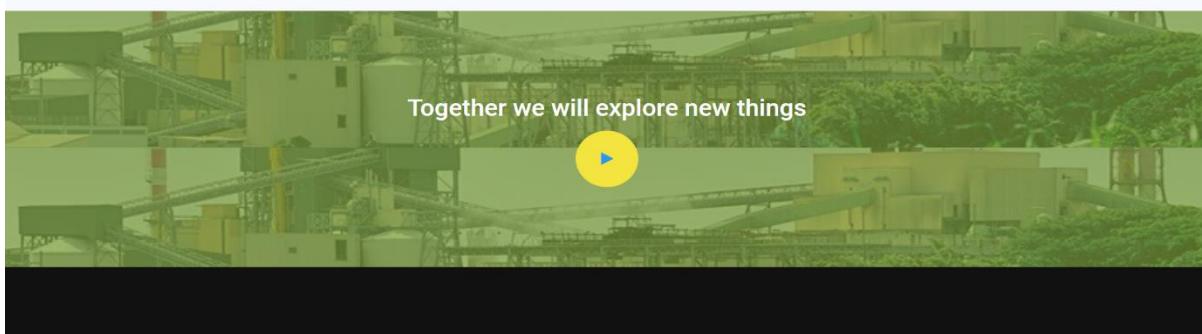
YEARS OF
EXPERIENCE

400

EMPLOYEE

5,000

FARMERS



Quick Links

[Home](#)
[About](#)
[contact](#)

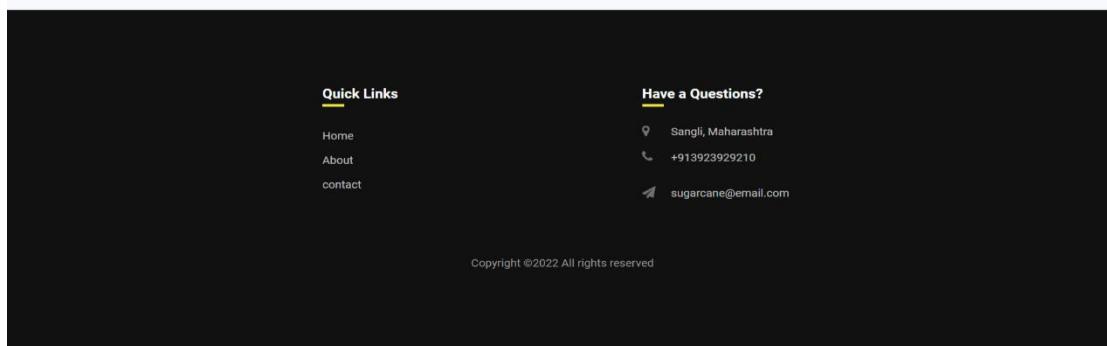
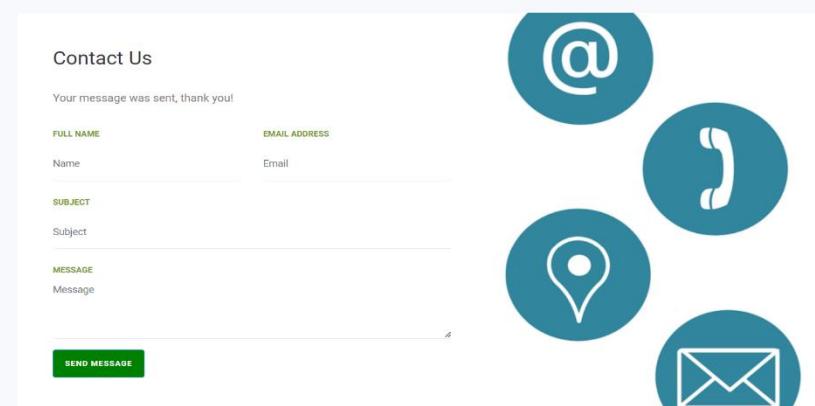
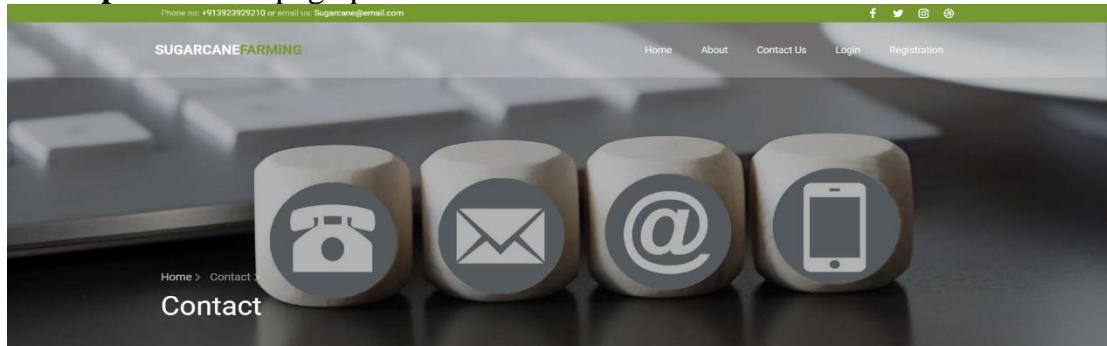
Have a Questions?

Sangli, Maharashtra
 +913923929210
 sugarcane@email.com

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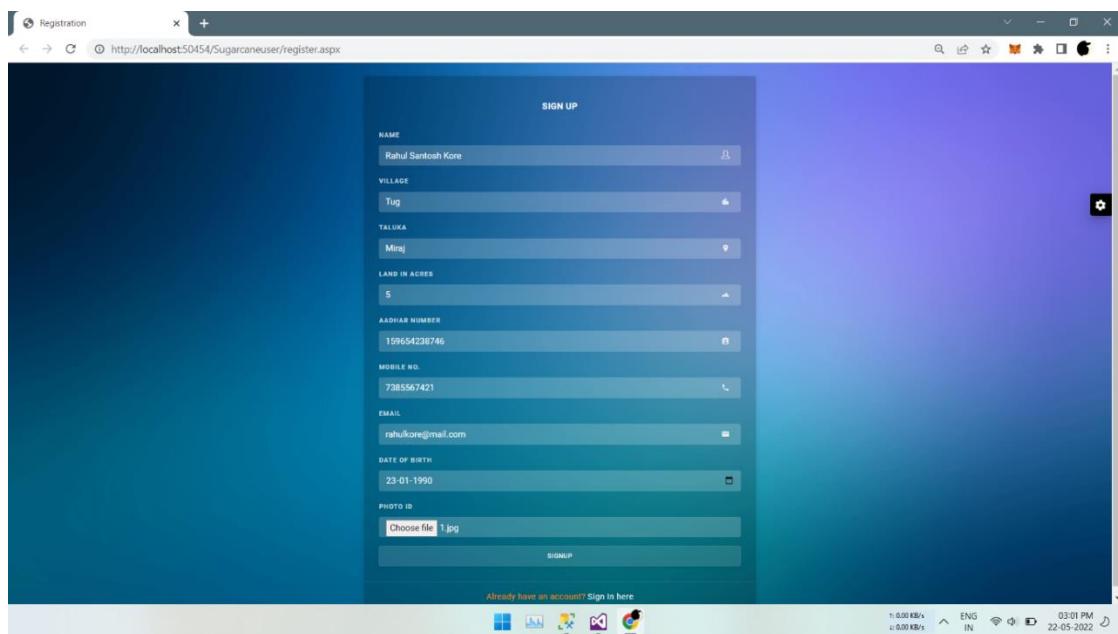
Contact Us.aspx

Description : This page provides contact details and mail id for user



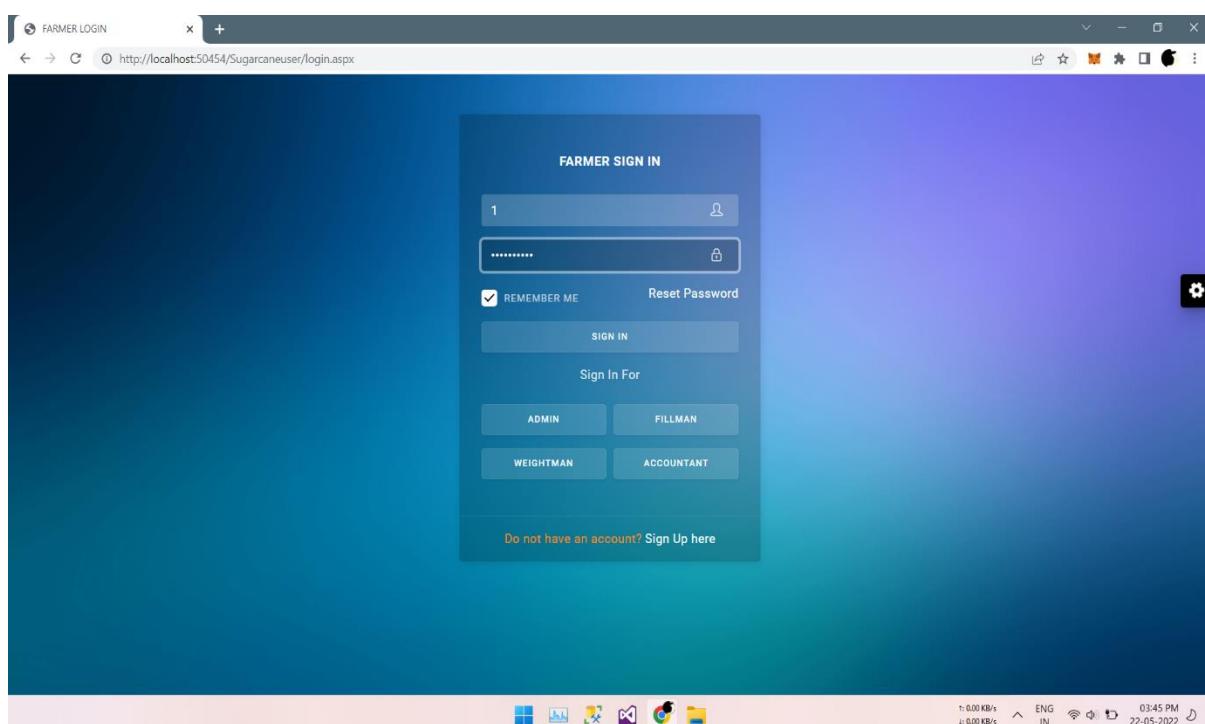
Registration :

Description : User needs to register to the website first. We have used validation so that user cannot enter invalid data.



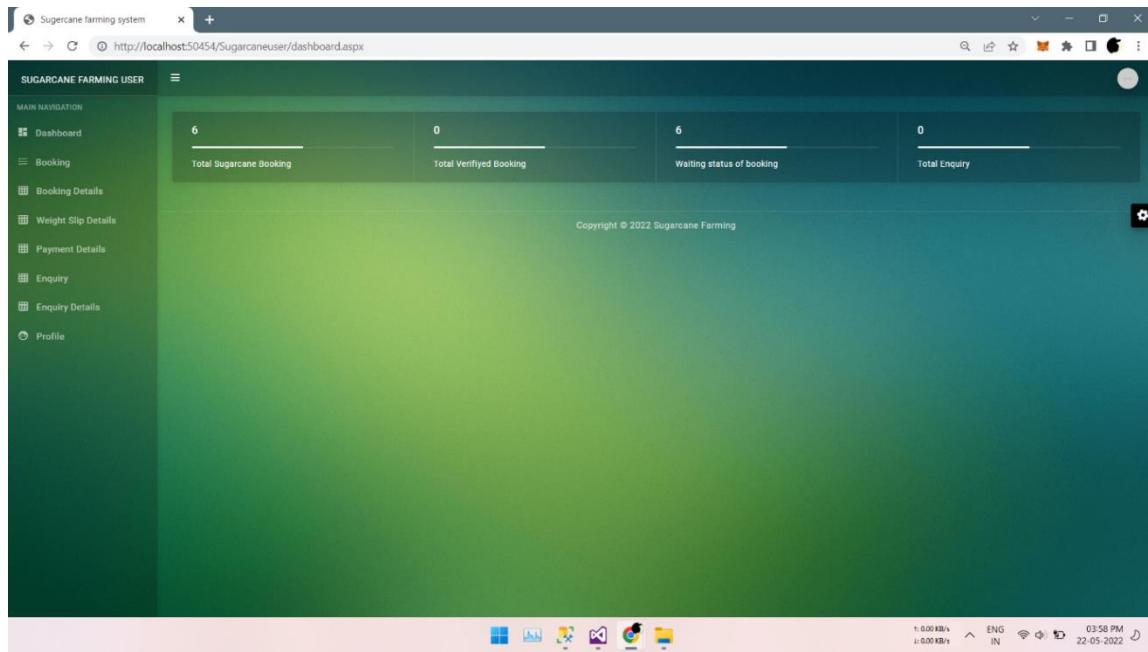
Login.aspx

Description: After registration user can login to his account through this page



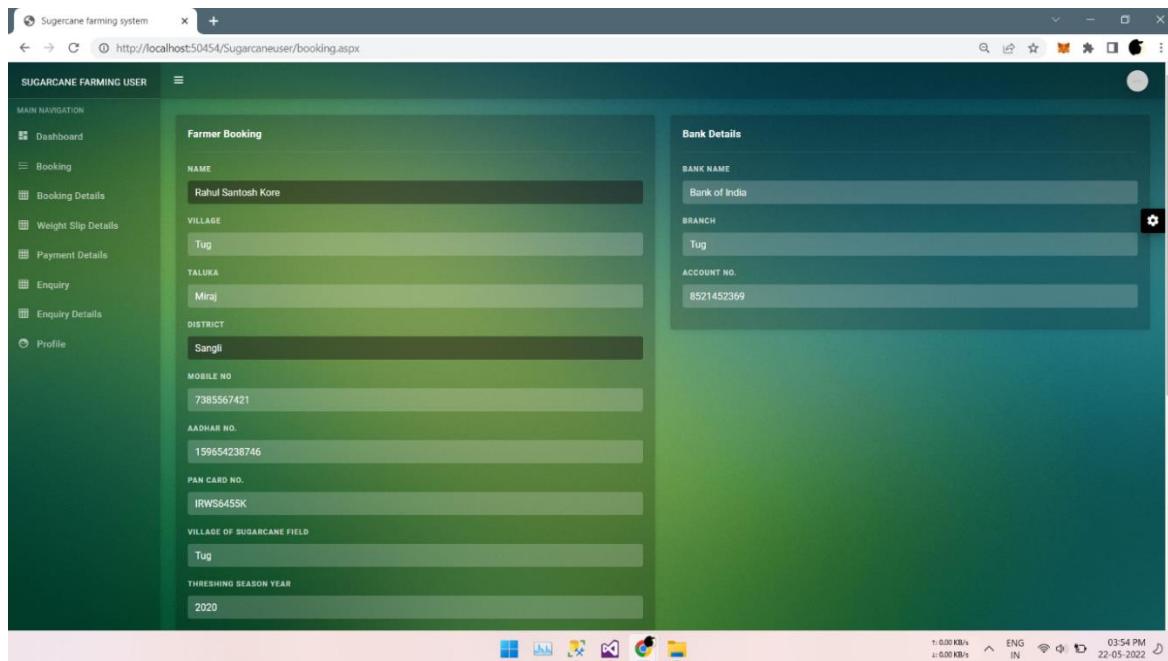
Sugarcaneuser/dashboard

Description: : This is Registered user list in this page the admin can see information about all the Registered users.



Sugarcaneuser/booking

Description: : This is Sugarecan booking list in this page the admin can see information about all the farmer booking details



Sugarcaneuser/booking_table

Description: : This is Sugarcane booking list in this page the admin can see information about all the farmer booking details

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	Mobile No	Aadhar Card
1	2021	Member	Rahul Santosh Kore	Tug	Miraj	7385567421	1596542387

Sugarcaneuser/weight_slip_details.

Description: : This is sugarcane weight slip details.

Slip Number	Farmer Name	Village	Taluka	Sugarcane Variety	Sugarcane Weight	Sugarcane Category	Vechical
200	Rahul Santosh Kore	Tug	Miraj	Co 419	30	Member	TRUCK

Sugarcaneuser/payment_details_table.

Description: : This is payment details.

The screenshot shows a web browser window with the URL http://localhost:50454/Sugarcaneuser/payment_details_table.aspx. The page title is "SUGARCANE FARMING USER". On the left, there is a navigation menu with items like Dashboard, Booking, Booking Details, Weight Slip Details, Payment Details, Enquiry, Enquiry Details, and Profile. The main content area is titled "Payment Details" and contains a table with the following data:

sr	Booking ID	Farmer Name	Village	Bank Name	Account Number	Sugarcane Weight	Rate	Total Amount
1		Rahul Santosh Kore	Tug	bank of india	5455844144411	30	2100	63000

At the bottom right of the page, it says "Copyright © 2022 Sugarcane Farming". The taskbar at the bottom of the screen shows various icons and the date/time as 23-05-2022 08:49 PM.

Sugarcaneuser/farmerenquiry.

Description: : This is farmer enquiry page.

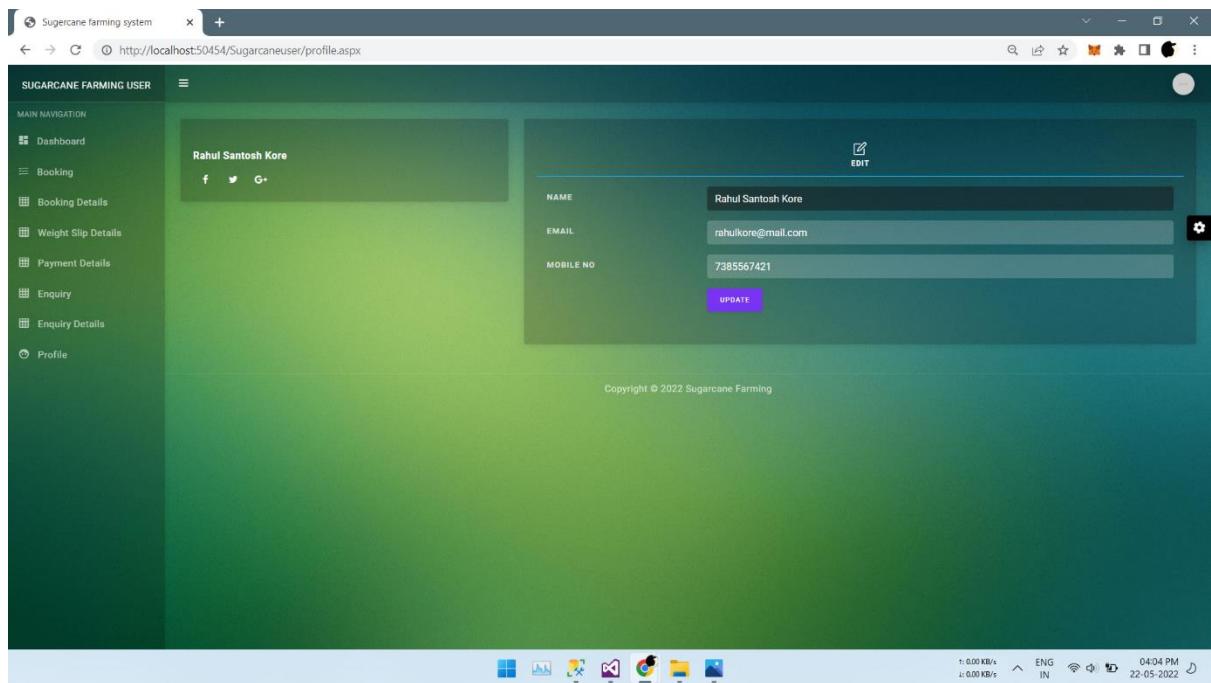
The screenshot shows a web browser window with the URL <http://localhost:50454/Sugarcaneuser/farmerenquiry.aspx>. The page title is "SUGARCANE FARMING USER". On the left, there is a navigation menu with items like Dashboard, Booking, Booking Details, Weight Slip Details, Payment Details, Enquiry, Enquiry Details, and Profile. The main content area is titled "ENQUIRY" and contains a form with the following fields:

- FARMER ID: 12
- NAME: Nikhil Vilas Shinde
- VILLAGE: Savaj
- MOBILE NO.: 8855441259
- QUERY: Amount is not paid Yet

At the bottom right of the page, it says "Copyright © 2022 Sugarcane Farming". The taskbar at the bottom of the screen shows various icons and the date/time as 22-05-2022 08:52 PM.

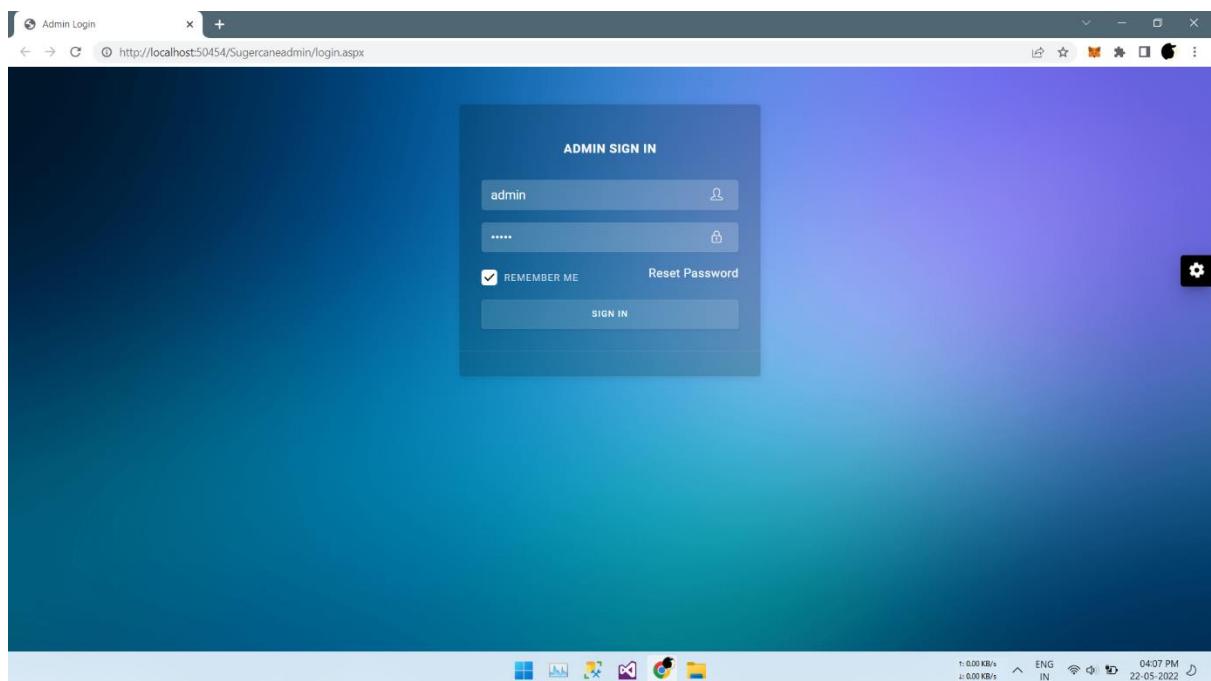
Sugarcaneuser/profile.

Description: : This is Sugarcane user profile page.



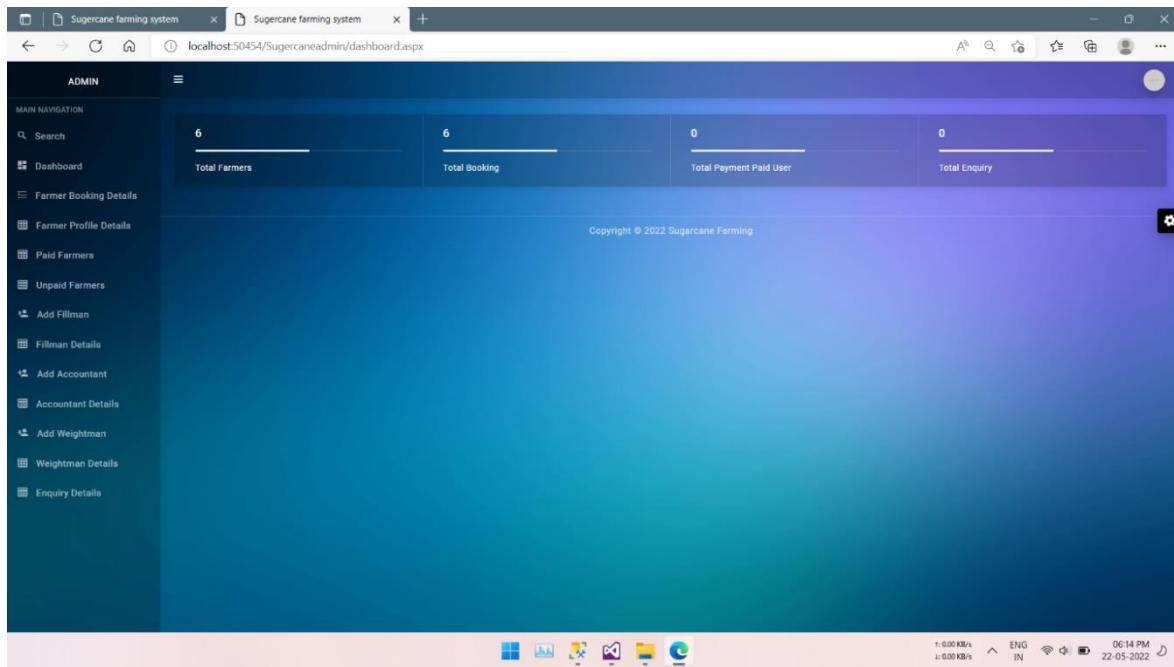
Sugercaneadmin/login.

Description: : This page get the login credentials for logging in into the system.



Sugercaneadmin/dashboard.

Description: : This is sugarcane admin panel dashboard page.

**Sugercaneadmin/farmerbooking.**

Description: : This is sugarcane farming booking page.

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	Mobile No	A
1	2021	Member	Rahul Santosh Kore	Tug	Miraj	7385567421	1
2	2021	Member	Mangesh Ramesh Mali	Tug	Miraj	7878541259	8
3	2021	Member	Prasanna Rahul Kore	Bedag	Miraj	8996652784	7
4	2021	Non-Member	Ananda Gangaram Shinde	Bedag	Miraj	9898652147	8
5	2021	Member	Sambhaji Ramesh Shinde	Bedag	Miraj	7711225896	6
6	2021	Non-Member	Alosh Laxman Suryavanshi	Tug	Miraj	9865214789	5
7	2021	Member	Siddharth Suresh Kamble	Arag	Miraj	8484521478	7
8	2021	Member	Abhinadan Babaso Kore	Arag	Miraj	7741255877	5
9	2021	Non-Member	Abhishek Ram Kulkarni	Savlaj	Miraj	9898554778	1
10	2021	Member	Rushabh Sanjay Waghmare	Savlaj	Tasgaon	7332115896	4
11	2021	Non-Member	Vishwanath Kore	Savlaj	Tasgaon	9887441256	8

Sugercaneadmin/farmerdetails.

Description: : This is sugarcane filman details page.

The screenshot shows a web application interface for managing farmer details. On the left, a sidebar titled 'ADMIN' contains a 'MAIN NAVIGATION' menu with various links such as Search, Dashboard, Farmer Booking Details, Farmer Profile Details, Paid Farmers, Unpaid Farmers, Add Fillman, Fillman Details, Add Accountant, Accountant Details, and Add Weightman. The main content area is titled 'Fillman Details' and displays a table with four rows of data. The columns are Farmer ID, Farmer Name, Village, Aadhar Number, Mobile Number, and Email. The data is as follows:

Farmer ID	Farmer Name	Village	Aadhar Number	Mobile Number	Email
1	Rahul Santosh Kore	Tug	159654238746	7385567421	rahulkore@mail.com
2	Mangesh Ramesh Mali	Tug	857432159657	7878541259	mangeshmali70@mail.com
3	Prasanna Rahul Kore	Bedag	719585567214	8996652784	prasannakore@mail.com
4	Ananda Gangaram Shinde	Bedag	852178965471	9898652147	anandashinde56@mail.com

At the bottom of the main content area, there is a copyright notice: 'Copyright © 2022 Sugarcane Farming'.

/Sugercaneadmin/paid_farmer.

Description: : This is sugarcane paid farmer details page.

The screenshot shows a web application interface for managing farmer paid details. On the left, a sidebar titled 'ADMIN' contains a 'MAIN NAVIGATION' menu with various links such as Search, Dashboard, Farmer Booking Details, Farmer Profile Details, Paid Farmers, Unpaid Farmers, Add Fillman, Fillman Details, Add Accountant, Accountant Details, Add Weightman, and Weightman Details. The main content area is titled 'Farmer Paid Details' and displays a table with twelve rows of data. The columns are Booking ID, Threshing Season Year, Customer Category, Farmer Name, Village, Taluka, Mobile No, Aadhar Card No, and Aadhar. The data is as follows:

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	Mobile No	Aadhar Card No	Aadhar
1	2021	Member	Rahul Santosh Kore	Tug	Miraj	7385567421	159654238746	15965
2	2021	Member	Mangesh Ramesh Mali	Tug	Miraj	7878541259	857432159657	85743
3	2021	Member	Prasanna Rahul Kore	Bedag	Miraj	8996652784	719585567214	71958
4	2021	Non-Member	Ananda Gangaram Shinde	Bedag	Miraj	9898652147	852178965471	85217
7	2021	Member	Siddharth Suresh Kamble	Arag	Miraj	8484521478	741200012547	74120
9	2021	Non-Member	Abhishek Ram Kulkarni	Savla	Miraj	9898554778	1254789654	12547
12	2021	Member	Nikhil Vilas Shinde	Savla	Tasgaon	8855441259	889966214478	88996

At the bottom of the main content area, there is a copyright notice: 'Copyright © 2022 Sugarcane Farming'.

/Sugercaneadmin/unpaid_farmer.

Description: : This is sugarcane unpaid farmer details page.

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	District	Mobile N
5	2021	Member	Sambhaji Ramesh Shinde	Bedag	Miraj		7711225
6	2021	Non-Member	Alosh Laxman Suryavanshi	Tug	Miraj		9865214
8	2021	Member	Abhinadan Babaso Kore	Arag	Miraj		7741255
10	2021	Member	Rushabh Sanjay Waghmare	Savlaj	Tasgaon		7332115
11	2021	Non-Member	Visha Raju Patil	Savlaj	Tasgaon		9887441
12	2021	Member	Nikhil Vilas Shinde	Savlaj	Tasgaon		8855441

Sugercaneadmin/fillmanregistration.

Description: : This is filman details page.

Sugercaneadmin/filmantable.

Description: : This is filman details page.

Fillman ID	Fillman Name	Contact No	Email ID	Aadhar No	Village	Photo ID	Delete Fillman
101	Suresh Ananda Kore	7385567421	sureshkore@mail.com	854755441125	Tug		<button>DELETE</button>
102	Rahul Ramesh Kadam	7852145874	rahulkadam8855@mail.com	883324459965	Bedeg		<button>DELETE</button>
103	Manges Sanju Shah	8541256987	mangeshaanju8855@mail.com	996588741122	Arag		<button>DELETE</button>
105	Mayur Rehul Jekate	7452111453	mayurjekate87@mail.com	996588741122	Savij		<button>DELETE</button>
107	Sarvesh Ananda Joshi	9632145878	sarveshjoshi741@mail.com	333211458769	Malevadi		<button>DELETE</button>

Sugercaneadmin/accountant_registration.

Description: : This is accountant details page.

Sugercaneadmin/accountant_table.

Description: : This is accountant table details page.

Accountant ID	Accountant Name	Contact No	Email ID	Aadhar No	village	Photo ID	Delete Accountant
100	Ramesh Raju Joshi	985412369	rameshjoshi885@mail.com	663321458745	Sangli		<button>DELETE</button>

Sugercaneadmin/weightman_registration.

Description: : This is waightman from.

Sugercaneadmin/weightman_table.

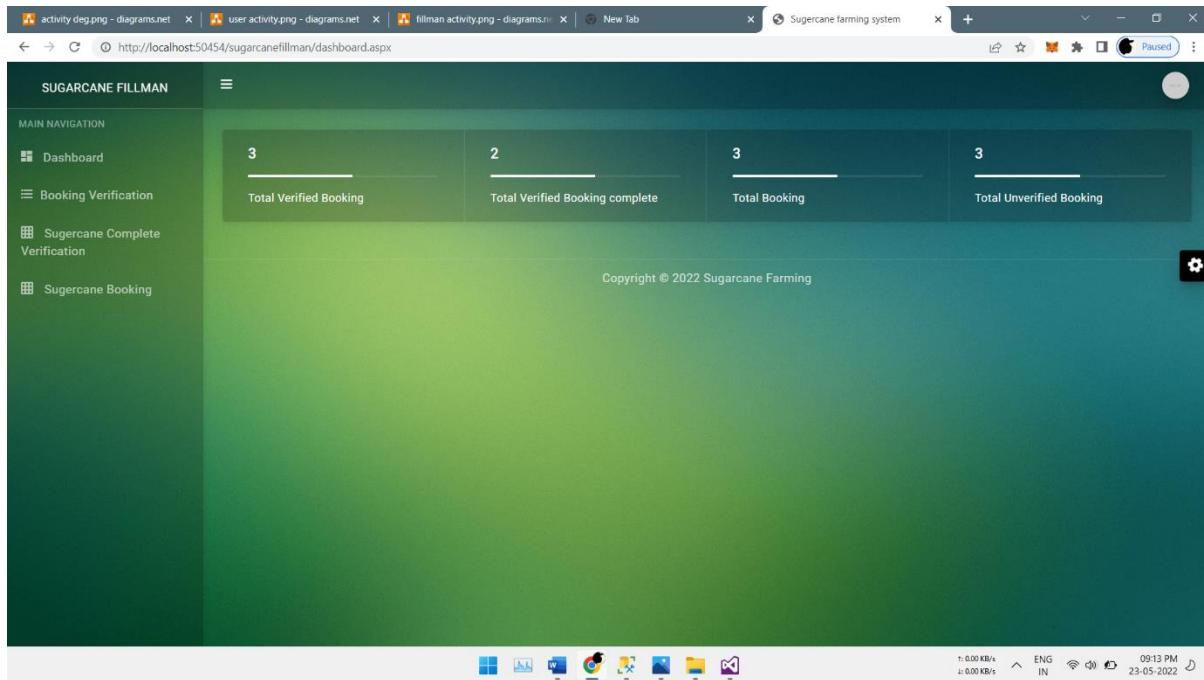
Description: : This is weightman table details page.

sugarcanefillman/fillmanlogin.

Description: : This is filman login page.

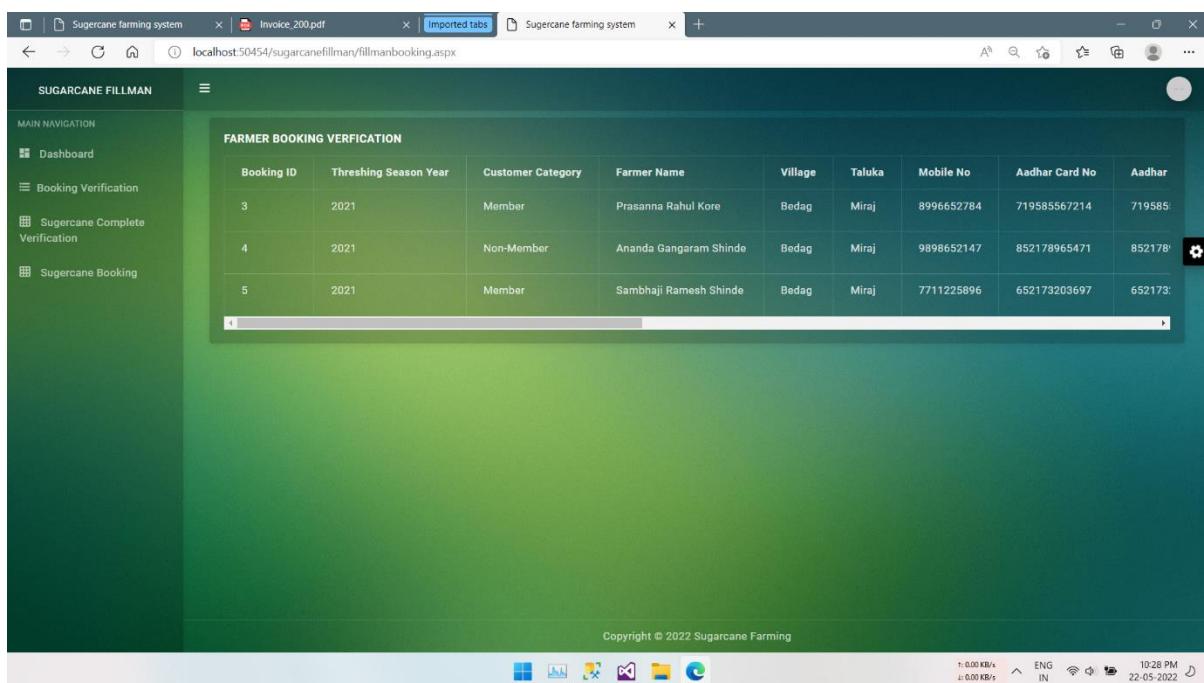
[sugarcanefillman/dashboard.](#)

Description: : This is sugarecan filman dashboard page.



[sugarcanefillman/fillmanbooking.](#)

Description: : This is filman booking verifiction page.



sugarcanefillman/sugarcane_complete_verify

Description: : This is sugarcane complete verification page.

The screenshot shows a web application interface titled "SUGARCANE FILLMAN". On the left, there is a sidebar with "MAIN NAVIGATION" containing links for "Dashboard", "Booking Verification", "Sugarcane Complete Verification", and "Sugarcane Booking". The main content area is titled "Sugarcane Complete Verification" and displays a table with the following data:

Account No	Group No	Water Supply	Land in Hectares	Sugarcane Variety	Status	Sugarcane Complete	Sugarcane Complete Verification
50214587426	4	Well	6	Co 419	Waiting	Waiting	<button>COMPLETE</button>
9652321458	85	Well	4	Co 419	Waiting	Waiting	<button>COMPLETE</button>
8542123658	13	Well	7	Co 419	Waiting	Waiting	<button>COMPLETE</button>

At the bottom of the page, it says "Copyright © 2022 Sugarcane Farming". The system status bar at the bottom right shows "10:29 PM 22-05-2022".

sugarcanefillman/farmerallbooking.

Description: : This is farmer booking page.

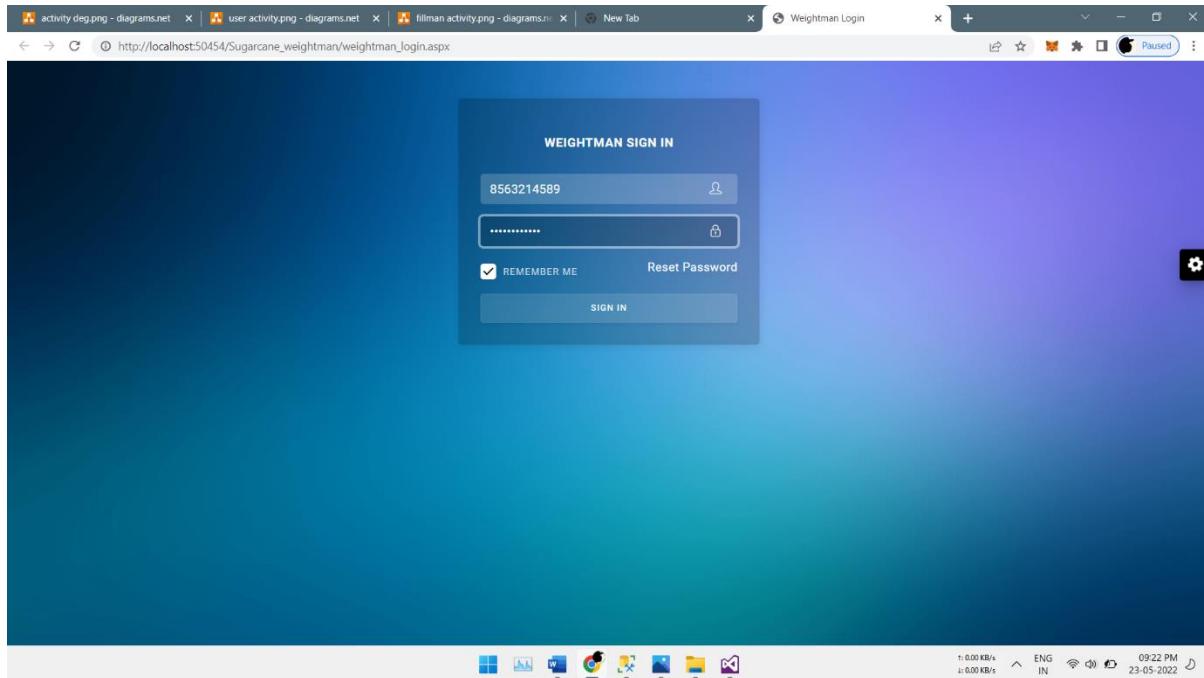
The screenshot shows a web application interface titled "SUGARCANE FILLMAN". On the left, there is a sidebar with "MAIN NAVIGATION" containing links for "Dashboard", "Booking Verification", "Sugarcane Complete Verification", and "Sugarcane Booking". The main content area is titled "FARMER BOOKING" and displays a table with the following data:

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	Mobile No	Aadhar
1	2021	Member	Rahul Santosh Kore	Tug	Miraj	7385567421	1596t
2	2021	Member	Mangesh Ramesh Mali	Tug	Miraj	7878541259	8574c
6	2021	Non-Member	Alosh Laxman Suryavanshi	Tug	Miraj	9865214789	56874

At the bottom of the page, it says "Copyright © 2022 Sugarcane Farming". The system status bar at the bottom right shows "09:18 PM 23-05-2022".

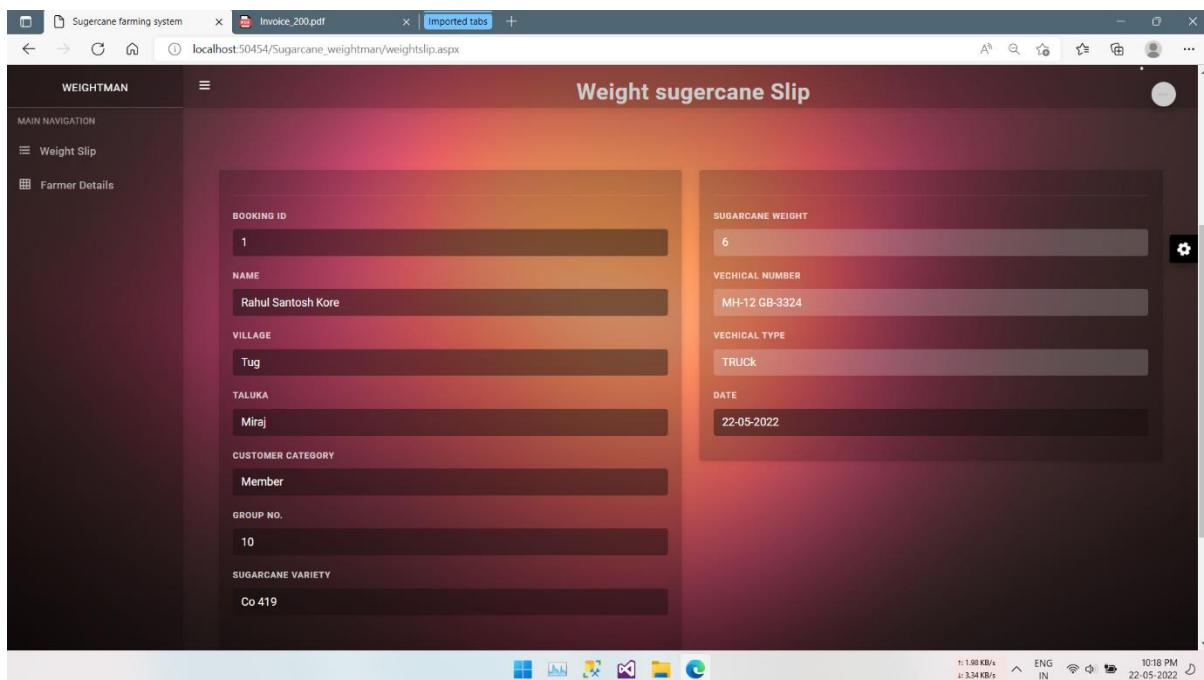
Sugarcane_weightman/weightman_login.

Description: : This is Wightman signin page.



Sugarcane_weightman/weightslip.

Description: : This is wight sugarcane slip page.



Sugarcane_weightman/completed%20cutting.

Description: : This is completed sugarcane cutting details page.

The screenshot shows a web application interface titled "WEIGHTMAN". On the left, there is a sidebar with "MAIN NAVIGATION" containing "Weight Slip" and "Farmer Details". The main content area is titled "FARMER DETAILS" and displays a table with the following data:

bookingid	threshing_season_year	full_name	village	taluka	sugarcanecomplete	payment_status
1	2021	Rahul Santosh Kore	Tug	Miraj	Complete	pending
2	2021	Mangesh Ramesh Mali	Tug	Miraj	Complete	pending
3	2021	Prasanna Rahul Kore	Bedag	Miraj	Complete	pending
4	2021	Ananda Gangaram Shinde	Bedag	Miraj	Complete	pending
7	2021	Siddharth Suresh Kamble	Arag	Miraj	Complete	pending
9	2021	Abhishek Ram Kulkarni	Savlaj	Miraj	Complete	pending
10	2021	Rushabh Sanjay Waghmare	Savlaj	Tasgaon	Complete	pending
11	2021	Visha Raju Patil	Savlaj	Tasgaon	Complete	pending

At the bottom of the page, it says "Copyright © 2022 Sugarcane Farming". The system status bar at the bottom right shows "1: 0.00 KB/s" and "2: 0.00 KB/s", "ENG IN", "10:36 PM", and the date "22-05-2022".

WeightSlip

Description: : This is weight slip page.

The screenshot shows a PDF document titled "Weight sugarcane Slip". The document contains the following information:

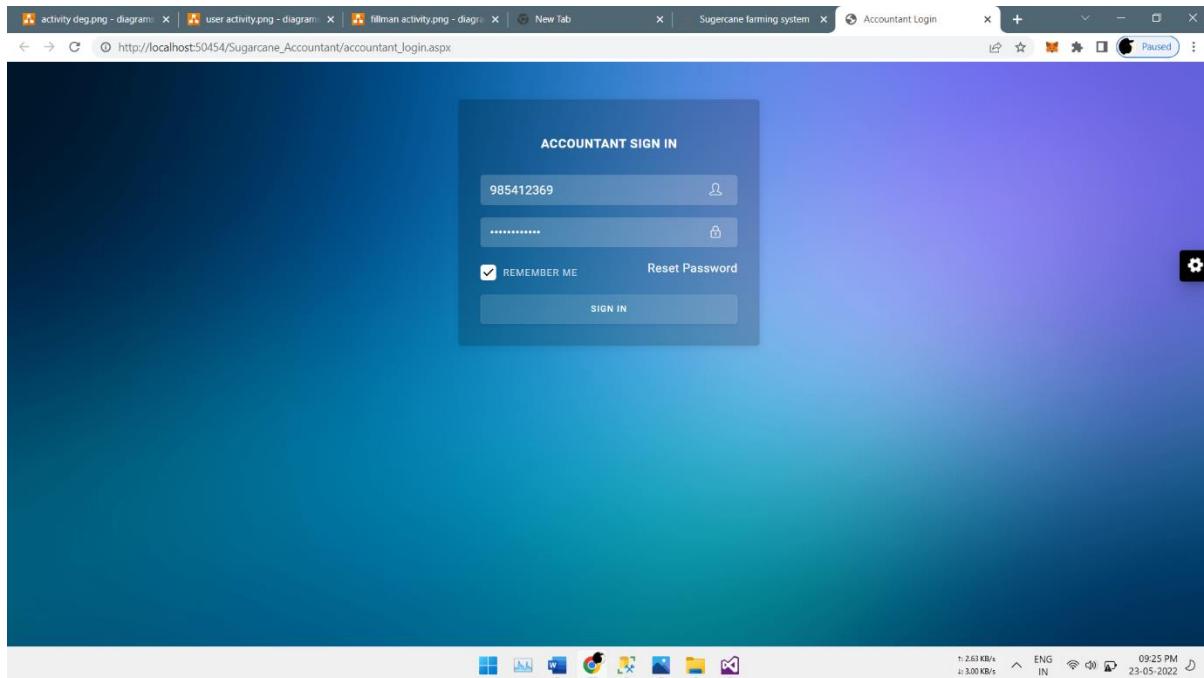
Slip No: 207
Name: Nikhil Vilas Shinde
Village: Savlaj
Taluka: Tasgaon
Sugarcane weight: 30ton

Date: 25-05-2022 12:43:29
Vechical type: TRUCK
Vechical Number: MH-10 PO8877
Group Number: 51
Sugarcane variety: Co 419

At the bottom of the PDF, it says "03:43 PM" and the date "25-05-2022". The system status bar at the bottom right shows "1: 2.05 KB/s" and "2: 3.94 KB/s", "ENG IN", and the date "25-05-2022".

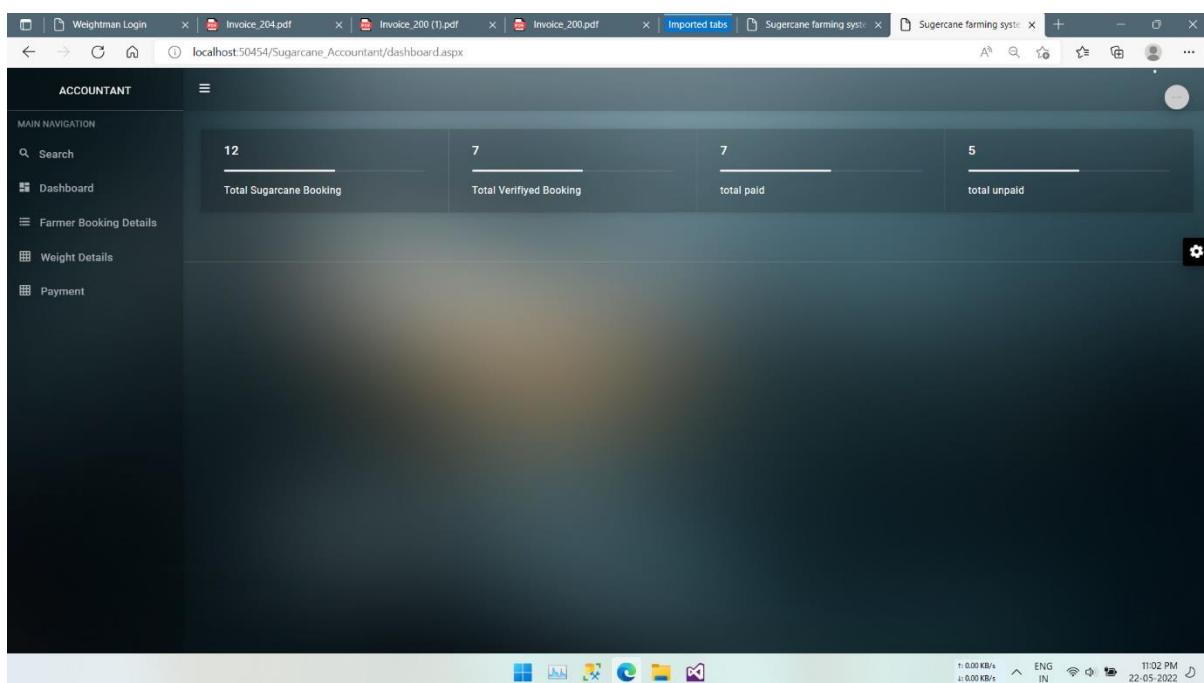
Sugarcane_Accountant/accountant_login.

Description: : This is accountant login page.



Sugarcane_Accountant/dashboard.

Description: : This is accountant dashboard page.



Sugarcane_Accountant/search%20farmer.

Description: : This is in accountat search to farmer page.

village_of_sugarcane_field	group_no	water_supply	land_in_hectares	sugarcane_variety	status	sugarcanecomplete	farmer_id	pay
Tug	10	River	5	Co 419	Verify	Complete	1	pen
Tug	5	River	3	Co 419	Verify	Complete	2	pen
Tug	14	River	10	Co 419	Verify	Waiting	6	pen

Sugarcane_Accountant/farmerbooking.

Description: : This is farmer booking page.

Booking ID	Threshing Season Year	Customer Category	Farmer Name	Village	Taluka	Mobile No	A
1	2021	Member	Rahul Santosh Kore	Tug	Miraj	7385567421	1
2	2021	Member	Mangesh Ramesh Mali	Tug	Miraj	7878541259	8
3	2021	Member	Prasanna Rahul Kore	Bedag	Miraj	8996652784	7
4	2021	Non-Member	Ananda Gangaram Shinde	Bedag	Miraj	9898652147	8
5	2021	Member	Sambhaji Ramesh Shinde	Bedag	Miraj	7711225896	6
6	2021	Non-Member	Alosh Laxman Suryavanshi	Tug	Miraj	9865214789	5
7	2021	Member	Siddharth Suresh Kamble	Arag	Miraj	8484521478	7
8	2021	Member	Abhinadan Babaso Kore	Arag	Miraj	7741255877	5
9	2021	Non-Member	Abhishek Ram Kulkarni	Savlaj	Miraj	9898554778	1
10	2021	Member	Rushabh Sanjay Waghmare	Savlaj	Tasgaon	7332115896	4
11	2021	Non-Member	Visha Raju Patil	Savlaj	Tasgaon	9887441256	8
12	2021	Member	Nikhil Vilas Shinde	Savlaj	Tasgaon	8855441259	8

Sugarcane_Accountant/farmardetails.

Description: : This is sugarcane waightslip details page.

slip_no	farmer_name	village	taluka	sugarcane_variety	sugarcane_weight	customer_category	vechical_type
200	Rahul Santosh Kore	Tug	Miraj	Co 419	30	Member	TRUCK
201	Mangesh Ramesh Mali	Tug	Miraj	Co 419	30	Member	TRUCK
202	Prasanna Rahul Kore	Bedag	Miraj	Co 419	50	Member	TRUCK
203	Ananda Gangaram Shinde	Bedag	Miraj	Co 419	30	Non-Member	TRUCK
204	Sambhaji Ramesh Shinde	Bedag	Miraj	Co 419	60	Member	TRUCK
205	Siddharth Suresh Kamble	Arag	Miraj	Co 419	35	Member	TRUCK
206	Abhishek Ram Kulkarni	Savla	Miraj	Co 419	45	Non-Member	TRUCK

Sugarcane_Accountant/payment.

Description: : This is payment slip page.

FARMER ID
1

BOOKING ID
1

NAME
Rahul Santosh Kore

VILLAGE
Tug

MOBILE NO.
7385567421

LAND IN HECTORS
5

SUGARCANE VARIETY
Co 419

BANK NAME
bank of india

ACCOUNT NO.
5455844144411

TOTAL WEIGHT
30

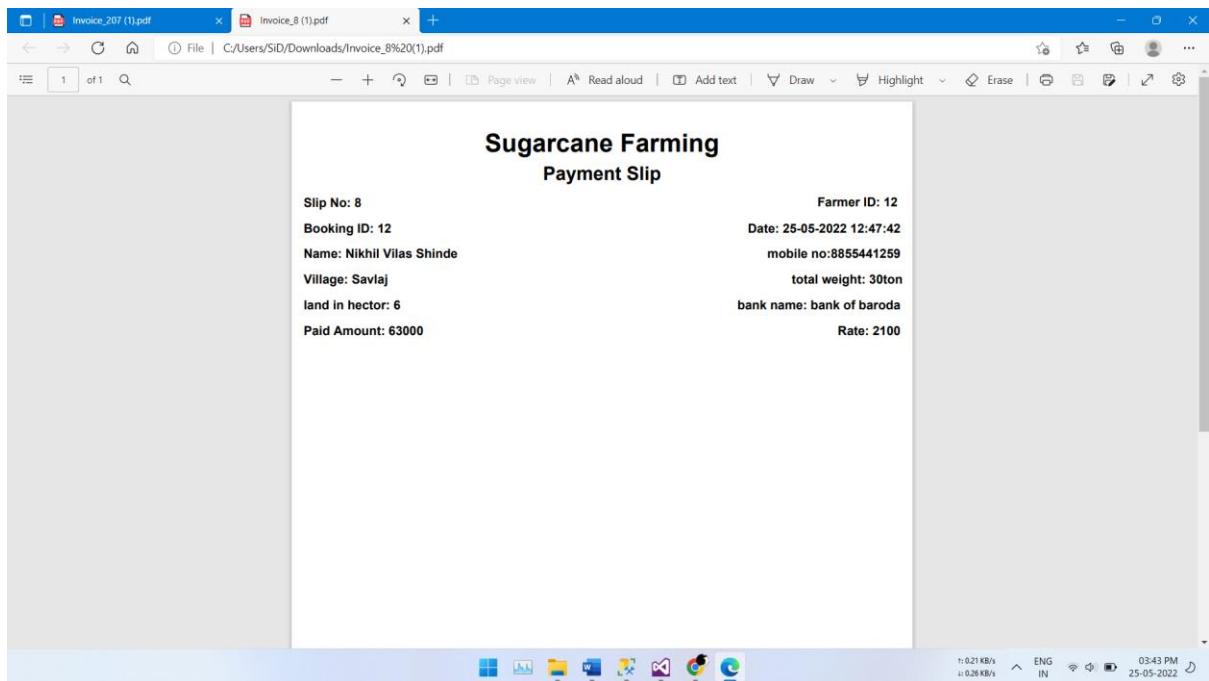
RATE
2100

TOTAL **TOTAL CLICK**

TOTAL RS
63000

Paymentslip

Description: : This is payment slip page.



4.3 Output Design /Reports

Farmer Registration

farmer id	farmer name	village	taluka	adhar number	mobile no	email	date of birth
1	Rahul Santosh Kore	Tug	Miraj	159654238746	7385567421	rahulkore@mail.com	1/2/1990 12:00:00 AM
2	Mangesh Ramesh Mali	Tug	Miraj	857432159657	7878541259	mangeshmail70@mail.com	4/5/1965 12:00:00 AM
6	Alosh Laxman Suryavanshi	Tug	Miraj	568742125899	9665214789	aloshtug55@mail.com	4/12/1990 12:00:00 AM

Sugarcane Booking

bookingid	booking date	threshing season year	customer category	full name	village	village of sugarcane field	mobile no	adhar card no	bank name	account no	payment status
1	5/22/2022 12:00:00 AM	2021	Member	Rahul Santosh Kore	Tug	Tug	7385567421	159654238746	bank of india	5455844144411	paid
2	5/22/2022 12:00:00 AM	2021	Member	Mangesh Ramesh Mali	Tug	Tug	7878541259	857432159657	bank of baroda	1247856963	paid
3	5/22/2022 12:00:00 AM	2021	Member	Prasanna Rahul Kore	Bedag	Bedag	8996652784	719585657214	State bank of india	50214587426	paid
4	5/22/2022 12:00:00 AM	2021	Non-Member	Ananda Prashant Shinde	Bedag	Bedag	9898652147	852178965471	Bank of India	9652321458	paid
5	5/22/2022 12:00:00 AM	2021	Member	Sambhaji Ramesh Shinde	Bedag	Bedag	7711225898	652173203697	bank of india	8542123658	pending
6	5/22/2022 12:00:00 AM	2021	Non-Member	Alosh Laxman Suryavanshi	Tug	Tug	9865214789	568742125899	bank of baroda	5547412563	pending
7	5/22/2022 12:00:00 AM	2021	Member	Siddharth Suresh Kamble	Arag	Arag	8484521478	741200012547	bank of india	9654785412	paid

Sugarcane Payment

May 2022

farmerid	bookingid	slip no	payment date	farmer name	village	mobile no	rate	total
1	1	1	5/25/2022	Rahul Santosh Kore	Tug	7386567421	2100	63000
2	2	2	5/25/2022	Mangesh Ramesh Mali	Tug	7878541259	2100	63000
3	3	3	5/25/2022	Prasanna Rahul Kore	Bedag	8996652784	2100	105000
4	4	4	5/25/2022	Ananda Gangaram Shinde	Bedag	9896652147	2100	63000
7	7	5	5/25/2022	Siddhant Suresh Kamble	Arag	8484521478	2100	73500

Payment Datewise Report



WeightSlip Details

May 2022

slip no	farmer name	village	sugarcane variety	sugarcane weight	vehical type	vehical no	group no	bookingid	farmerid	slip date
200	Rahul Santosh Kore	Tug	Co 419	30	TRUCK	MH-12 GB-3323	10		1	22-05-2022
201	Mangesh Ramesh Mali	Tug	Co 419	30	TRUCK	MH-10 MN5226	5		2	22-05-2022
202	Prasanna Rahul Kore	Bedag	Co 419	50	TRUCK	MH-12 GB-3323	4		3	22-05-2022
203	Ananda Gangaram Shinde	Bedag	Co 419	30	TRUCK	MH-09 HN5675	85		4	22-05-2022
204	Sambhaji Ramesh Shinde	Bedag	Co 419	60	TRUCK	MH-10 JS9847	13		5	22-05-2022
205	Siddhant Suresh Kamble	Arag	Co 419	35	TRUCK	MH-10 JS9847	16		7	22-05-2022
206	Abhishek Ram Kulkarni	Savraj	Co 419	45	TRUCK	MH-10 MN6226	45		9	22-05-2022

WeightSlip Details Datewise Report

Fillman registration

Fillman Registration Report Taluka Wise

fillman id	fillman name	contact no	email id	aadhar no	taluka	village
101	Suresh Ananda Kore	7385567421	sureshkore@mail.com	854755441125	Miraj	Tug
102	Rahul Mangesh Kadam	7852145874	rahulkadam8855@mail.com	883324459995	Miraj	Bedag
103	Manges Sanju Shah	8541256987	mangeshsanju8855@mail.com	996588741122	Miraj	Arag
107	Sanvesh Ananda Joshi	9832145878	sanvershjoshi741@mail.com	333211458769	Miraj	Malevadi

Weightman registration

Weightman Registration Details

weightman id	weightman name	email id	contact no	aadhar no	village
100	Nikhil Mangesh Kamble	nikhilkambles@mail.com	8563214589	778542153658	Miraj

Accountant registration

localhost:50454/Report/accountantreport.aspx

accountant id	accountant name	contact no	email id	aadhar no	village
101	Ramesh Raju Joshi	985412369	rameshjoshi885@mail.com	663321458745	Sangli

Accountant Registration Details

14 1 of 1 Find | Next

12:01 PM 25-05-2022

IMPLEMENTATION

5.1:SYSTEM REQUIREMENT:

5.1.1 :Hardware Requirement:

Processor	1.6GHz CPU
Hard Disk	512 GB (Minimum)
RAM	500 MB (Minimum)
Keyboard	Standard Keyboard
Mouse	Optical Mouse
Monitor	Color Monitor

5.1.2:Software Requirement

Front End	ASP.NET, HTML, CSS, JS
Back End	ASP.NET
Data Base	Microsoft SQL Server Management Studio 18
Operating System	Windows 7, Windows 8, Windows 10, Windows 11,
Frame Work	Visual Studio 2015
Web Browser	Google Chrome, Internet Explorer, Opera Mini, Bing etc.

INTRODUCTION TO ASP.NET

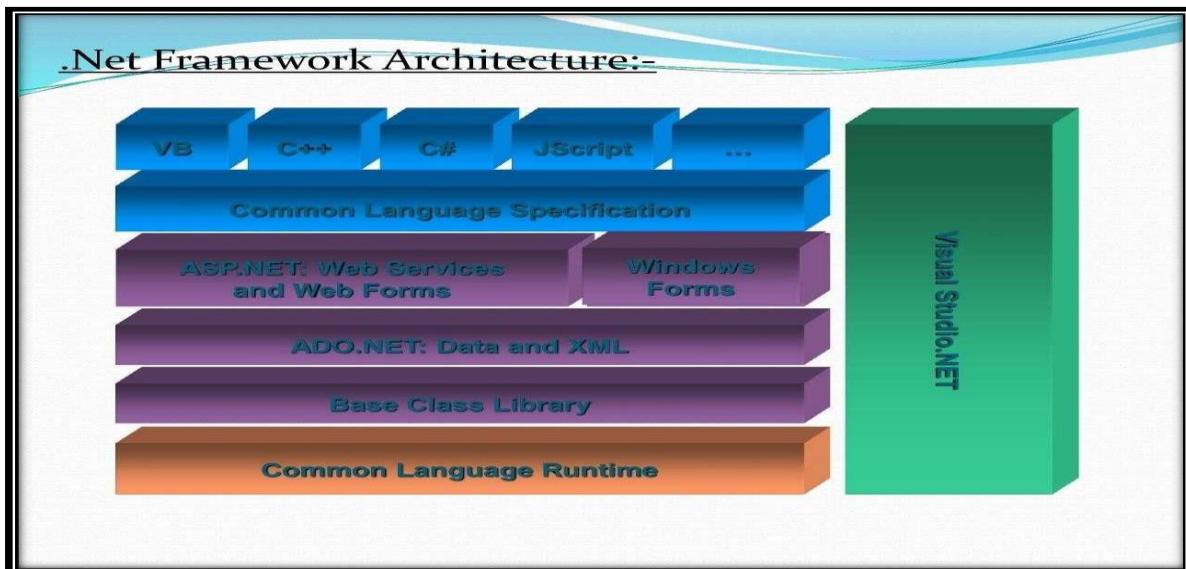
What is ASP.NET:

.Net is a set of software technology for connecting information, people, system and devices.

.Net is said that it is related to internet.

Definition:

It is a platform which is used to compile and execute programs written by using .Net compatible languages.



BLOCKS OF FRAMEWORK ARCHITECTURE:

- .Net compatible language
- Common language specification
- Common type system
- Common language runtime
- Framework class library

1. Net compatible language:

Vb.net, C#, javascript.net, VC++.net are languages compatible to .net framework.

2. Common language specification:

These are set of rules defined for .net compatible languages. It helps to enhance and ensure language interoperability by defining a set of features that developers can really on to the available in variety of languages.

3. Common type system:

It is a part of CLS. The CLS performs following functions:

- Establishes a framework that helps cross language integral type safely and high- performance code execution. Provide an object-oriented model that supports the complete implementation of many programming language.
- Define rules that language must be follow which helps to ensure that five object written in different. Languages can interact with each other.

4. Common Language Runtime:



CLR is the heart of .net framework. It takes care of execution, memory management of .net application irrespective of type of application also called as managed execution environment. The .NET framework provides a run-time environment call the common Language Runtime, which manages the execution of code and provides services that make the development process easier. Compilers and tools expose the runtime's functionality and enable you to write code that benefit from this Managed execution environment. code that you devlop with

a language compiler that targets the runtime is called managed code; it benefits from features such as cross language integration, cross-language exception handling, enhanced security, versioning and deployment support, a simplified model for component interaction, and debugging and profiling services.

5.Framework Class Library:

It supports collection of predefined classes. These are put under hierarchy of special structure called as Namespaces (collection of classes). In .net “System” is highest level namespace. Whenever you start any .net application three namespaces system, system. DATA and System, XML are included. The system is root namespace for type in the .net framework. This namespace includes classes that represent the best data type used by all application.

INTRODUCTION TO SQL SERVER

SQL Server is a free and easy-to-use database product. It is designed to provide a database platform that offers superior ease of use, enabling fast deployment for its target scenario. Features like Auto-close and the ability to copy database as files are enabled by default in SQL Server, while the high availability and business intelligence features are absent. It is very easy to “scale up”. SQL Server was developed with two distinct uses in mind server and second is a local client data store where the application data access does not depend on the network.

The main usage scenarios of SQL server are:

1. Hobbyist building basic client/server application.
2. Nonprofessional developers building web application.

Security:

different components. For instance, the networking protocols such as TCP/IP & named pipes are turned off. SQL browser services are not started unless the user explicitly asks for this in the setup command line. The SA and system administration account is disabled by default if windows authentication is used. Normal user on the machine have almost no privilege on the SQL server instance. A local administrator on the server must explicitly grant relevant permissions for normal user so that they can use functionality.

Attach DB Filename:

You can specify a relative or absolute file path for attach DB filename connection string entry. The specified database file is attached when the connection is opened & this database is used as default database for that connection. The database already attached when attach DB filename is invoked then attach does nothing. This keyword supports a special string called Data Directory that points at runtime to the data directory of the application where the database files are stored this special string should be at the beginning of the file path, works only against a local file system & checks are done for L.I syntax so that the file path is not higher than the directory pointed by the substitution string.

Auto Close:

This feature releases the file locks on the user database when there are no active connections to it, thus database is ready to be moved or copied after the application that uses it is closed.

Features Description:**Online Restore:**

With SQL server database administrator is able to perform restore operations while an instance of SQL server is running online restore improves the availability of SQL server because only data being restored is unavailable, the rest of the database online & available.

Online indexing operation:

The online index option allows concurrent modification (update, delete & insert) to the underlying & underlying table or clustered index data any associated indexes during index data definition language (DDL) execution. For example, while clustered index is being rebuilt, you can continue to make updates to the underlying data & perform query against data.

Fast Recovery:

A new faster recovery option improves availability of SQL server databases. Administrators can reconnect to a recovering database after transaction log has been rolled forward.

SQL Server Management studio

SQL server includes SQL server management studio, a new integrated suite of management tools with the functionality to develop & troubleshoot SQL server database as well as enhancement of previous functionality.

Dedicated Administrator Connection

SQL server provides a dedicated administrator connection that administrator can use access a running server even if the server is locked otherwise unavailable. This capacity enables administrator to troubleshoot problems on a server by executing diagnostic functions or transaction SQL statement.

Hosted Common Language Runtime

With SQL server, developers can create database object using familiar languages such as Microsoft Visual C#.Net & Microsoft ASP.Net. Developers can also create two objects user defined types & aggregates.

Native XML Supports

Native XML data can be stored, queried & indexed in SQL server database allowing developers to build new classes of connected applications around web services and across any platform or device.

Security Enhancement

The security model in SQL Server 2008 separates users from objects, provides fine-grain access, and enables greater control of data access. Additionally, all system tables are implemented as views, providing more control over database system objects.

Web Services

With SQL server developers can develop Web Server a hypertext transfer protocol (HTTP) listener & providing a new type of data access capability for Web services center application

INSTALLATION PROCESS:

Step 1: Download the Visual studio 2015 and double click on setup.exe. I have selected enterprise version.

Step 2: Installation started

Step 3: Setup requires 8.95 GB minimum, click agree and Next

Step 4: It will ask for optional features to install, I have selected all

Step 5: After clicking Install then a window will be opened. That will show the acquiring and applying process...!

Step 6: Wait for few minutes to complete these processes

Step 7: Yes, setup completed successfully and click the LAUNCH button

Step 8: After few minutes below window will ask you to choose the default environment setting and I have chosen the general development setting. Click Start Visual Studio button.

Step 9: Visual studio is loading user settings

Step 10: Yes, Visual Studio is ready to rock...! Just click the new website.

Step 11: Choose the Visual Basic ASP.NET empty website and continue your coding...!

5.2: User Guideline:

The software is very user friendly. The utilities of button like add, modifyand delete are provided. User can easily understand the graphical view.

The project contains 5 main pages. They are as follow

1. Homepage
2. Farmer Sugarcane Booking
3. Fillman Booking verification
4. Weightman Confirm Sugarcane Weight
5. Accountant Confirm Payment

- Home page: Overview of the website.
- Farmer Sugarcane Booking: Farmer Can Book Sugarcane cutting booking
- Fillman Booking verification: Fillman Verify Sugarcane Cutting Village Wise
- Weightman Confirm Sugarcane Weight: Sugarcane Weight at Factory After Completion of Sugarcane Cutting
- Accountant Confirm Payment: Paid to the Former weight wise.

Conclusion And Suggestions:

6.1: Limitations:

- ❖ Basic methodology implemented in this study.
- ❖
- ❖ Training for simple computer operations is necessary for the users on the system.

6.2: Conclusion:

This project based on local sugarcane farming system is a website which provides services for common people. This project is developed by us on the basis of Online sugarcane cutting and save the time for paper work in Management. This website is developed for efficient and reliable communication with the hardware suppliers and Users.

Search site page display the Today's and upcoming Local Technology. In the search. The main part of this website is CMS (Content Management Systems). We provide the Information to Users and sales representative. Hardware Holders register the account & login the control panel and update website functionality easily. Using the control panel holders can add or update or delete the available plants if required.

In this system user can send the enquiry to appropriate sugarcane cutting to holders or send feedback to the admin. This system is user friendly.

6.3: Suggestion

- ❖ Include the SMS services reminding the student about their notifications.
- ❖ Improving the UI and responsiveness of the system.
- ❖ In future we add the options related to the online payment.
- ❖ In future our system can include accounting system, good backup and restore facility.
- ❖ Make online exams more effective, efficient and more dynamic so that it helps to get good support from the student.

7.1 Bibliography or reference

Websites Reference:

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ANNEXURE