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1. Creating an individual page for displaying the information about the product like product name, product description, product image, giving option for downloading/viewing the product documentation as well as the option for sending an inquiry for the product. Any category's product page contains list of products and if any user wants to get more information about them he/she can click on the icons displayed on the image itself and it will take them to the productInfo page where the information will be displayed. This is achieved by passing the selected product's product code and by creating a session variable for the same and all the product information related to that particular session variable will be displayed on the productInfo page. This is applied for all the other products in the system.

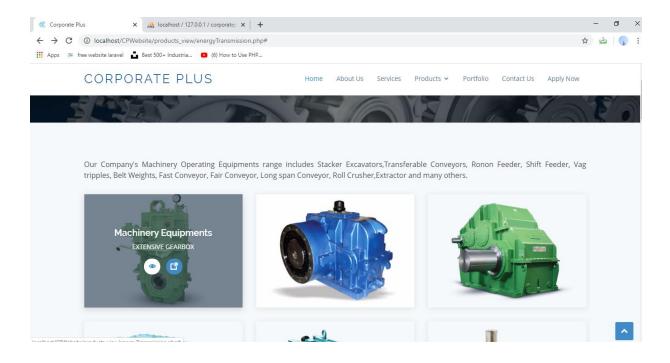


Fig 14.1 Selecting any product

Reporting No:12 Week No: 14 From: 16/03/20 To: 20/03/20 Project ID:- PRJ/2020/IT/40 Project Title: - Corporate Plus Corporate Plus × kk localhost / 127.0.0.1 / corporatep × + ← → C ① localhost/CPWebsite/products_view/productInfo,php Apps 🔉 free website laravel 🚡 Best 500+ Industria... 🔼 (6) How to Use PHP... CORPORATE PLUS Home About Us Services Products ♥ Portfolio Contact Us Apply Now **Extensive Gearbox** Keeping in line with its strategy of Enhancing the Future Corporate Plus presents the Extensive Gearbox - answer to industry needs. This product has been developed keeping in mind the industry requirements. **DOCUMENTATION**

Fig 14.2 Product Info page for that particular product

PRODUCT INQUIRY

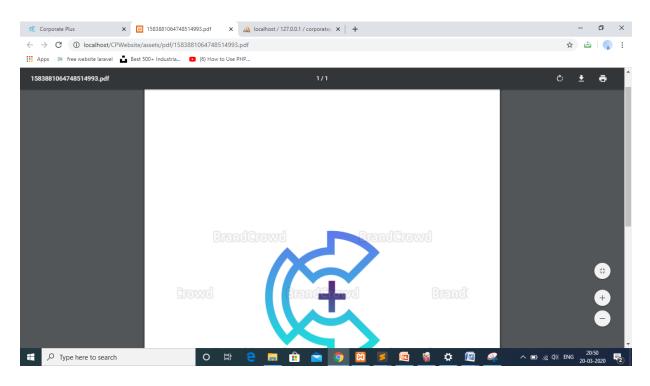


Fig 14.3 Viewing/Downloading Product Documentation

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2. Creating the functionality of inquiring about any product through a form which is designed in modal, the required details in the form like name, email, state, phone number and the query are to be filled up, whereas the date will be fetched dynamically and when submitting all this data by the modal in one hidden field the product code of the inquired product is sent so at the time of entry in the database the field for product_name for whom the inquiry is done will be filled automatically. Further on through the ERP system the admin or the respective sales manager can allocate the inquiry to any other user in the system.

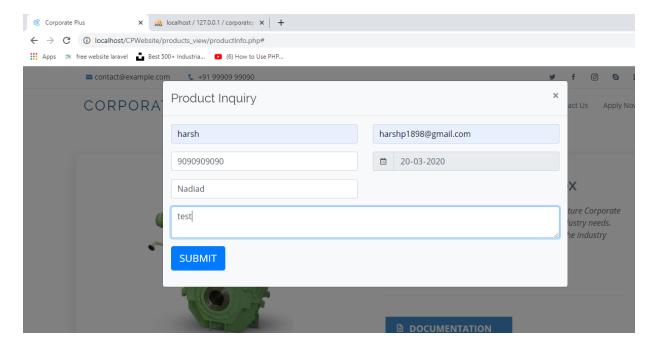


Fig 14.4 Product Inquiry

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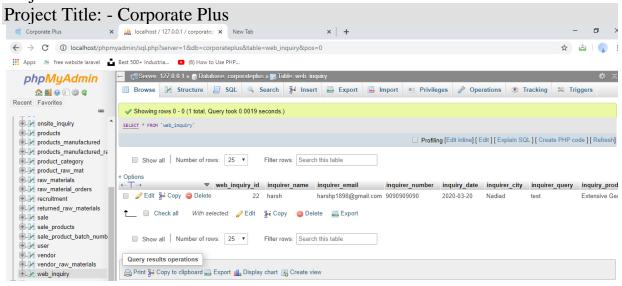


Fig 14.5 Entry in the web inquiry table



Fig 14.6 Mail to the user who inquired about the product

3. Designing of Add Sale page, using which new sale entry can be added to the system. This page is made really smart one. Apart from simply taking customer information like name, email, phone and address, it has a dual list, from which the user(sales manager) can select the products user is interested in. Initially the submit button of the page is not present. Now, once selecting the products and pressing next (arrow) button, list of the selected products will be shown down and next to it a drop-down will be there allowing user to select the quantity of the product to be bought. These drop-box quantities are also dynamic as per the product stock. Now if any of the product from the selected one are not at all in the stock, the submit button will not show up. Similarly we have kept other button to view the estimate cost of the selected quantities of products, which will also be shown only when all the selected products are in stock. (16IT139)

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Project ID:- PRJ/2020/IT/40 Project Title: - Corporate Plus Add New Sale Home / Sales / Add New Sale New Sale Invoice Number 00000005 **Customer Name** Enter Customer Name **Customer Email Address** Enter Customer Email Address **Customer Phone Number** Enter Customer Phone Number **Products** Select Products To Be Bought: Showing all 63 Empty list Filter Filter 190 Holder Loader 30D Croker Loader 70E Croker Loader 789Q LoadHaul Dumper 890 CoalApp Dumper Discount (%) Customer (Delivery) Address Enter delivery address Pin Code Enter Pin Code City Enter City Name Select State Andhra Pradesh

Fig 14.7 Add New Sale Page

Date of sale

20-03-2020

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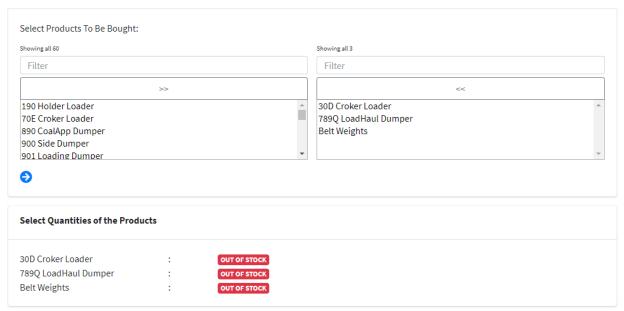


Fig 14.8 On selecting products out of stock (submit and view net cost buttons disabled)

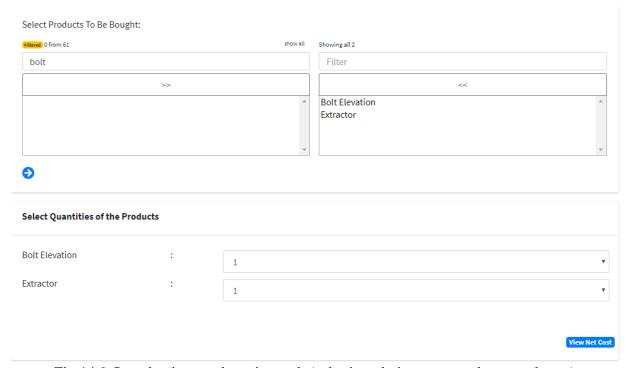


Fig 14.9 On selecting products in stock (submit and view net cost buttons shown)

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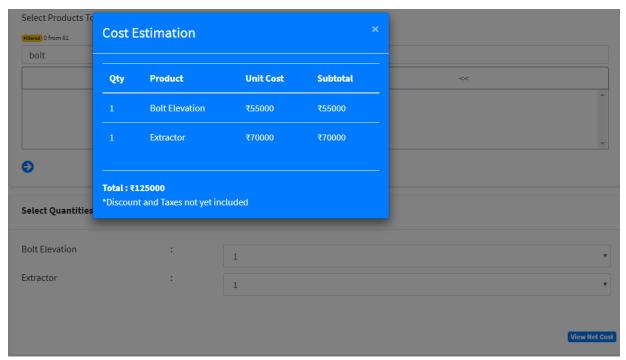


Fig 14.10 Modal popped up on clicking view net cost

Now if everything is set, user will be allowed to submit the form and add the entry in the database. Doing this, there will be deduction of the product quantities from the actual stock accordingly, as well as the products with actual batch-numbers which are sold gets the tag of SOLD in manufactured products list.

Database schema for sales entry is in 3 tiers. First (master) table is sales, which contains all the basic information of the customer and the invoice number and sale_id is set as primary key. On the second tier, we have a sale_product entry, which will contain the products and quantities corresponding sale to the entry. And the last table. sale_product_batch_numbers is for specifying the batch numbers of each individual quantity of each selected product, i.e. their manufacturing details. (16IT139)

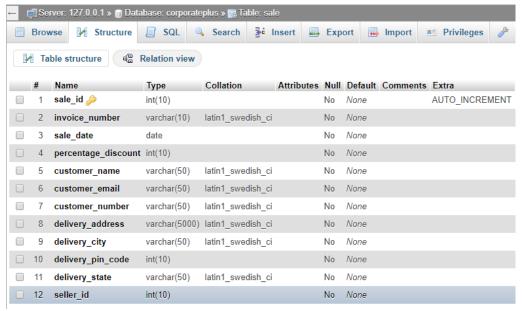


Fig 14.11 sale table schema

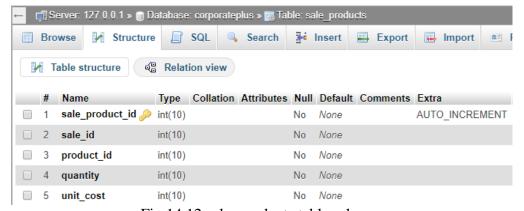


Fig 14.12 sale_products table schema

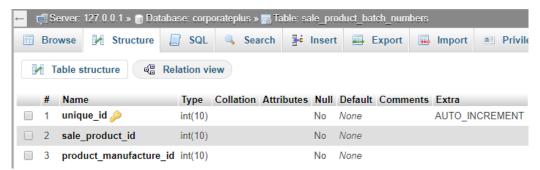


Fig 14.13 sale_product_batch_numbers table schema

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4. The sales page will show all the sales entry till date, in the order from most recent to the old ones. Now these entries have long and extensive information associated to it, which was not able to show in the table. So a 'view more' button next to each entry is kept and pressing it will lead to a new page, sale description, which has the complete details of the sale. In the first half, details of customer are shown and in the later half, summary of sale is shown including invoice number, sale date, seller information, bought item and the cost calculations. Bought items here are shown along with the quantity and their unique batch numbers. Clicking the product name will pop up a modal showing complete description of product. Similarly clicking Batch number will show the complete manufacturing details of that product. (16IT139)

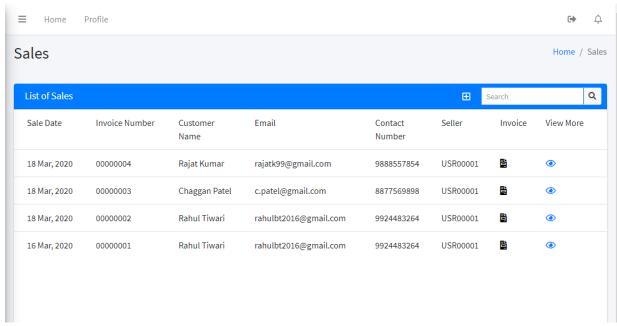


Fig 14.14 Sales list page

ale Description						Home /	Sales / Sale Descript	
Customer Details								
Name	:	Ra	jat Kumar					
Email	:	raj	atk99@gmail.com					
Contact Number	:	98	88557854					
Delivery Address	:	: 12, Junaid Colony, Faisal Road Valsad - 365887 Gujarat						
Sale Summary								
Invoice Number	:	00000004						
Sale Date	:	18 Mar, 20	020					
Seller	:	Rahul Tiw	Rahul Tiwari - USR00001					
Bought Items	:	Qty	Product	Unit Cost	Batch Number	rs	Sub-total	
		2	190 Holder Loader	₹300000	000000005 000000007		₹600000	
		1	70E Croker Loader	₹140000	000000008		₹140000	
Total Cost Calculations	:	Sub-to	otal		:	₹740000		
		Discou	unt (10%)		:	- ₹74000		
		GST (18%)		:	119880			
		Total			:	₹785880		

Fig 14.15 Sales Description page opened on clicking view more

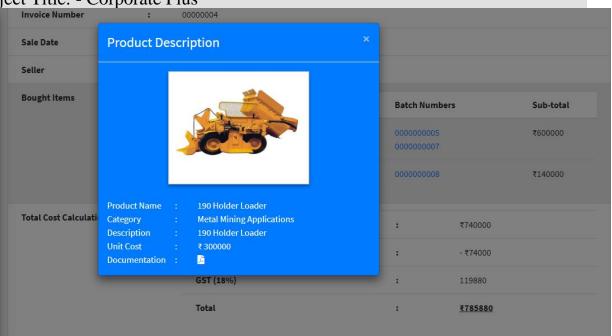


Fig 14.16 Product description modal popped on clicking product name

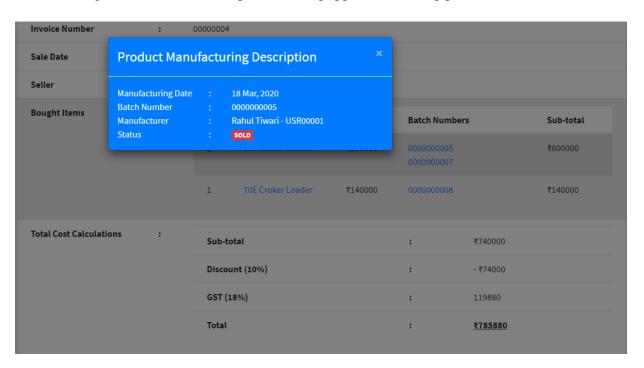


Fig 14.17 Product manufacturing description modal popped on clicking batch number

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5. In the sales page, there is also a feature to download the invoice of the sale entry. Best thing about this is, we are not storing these invoices of individual customers in the server, instead we are generating the invoice using the coding and data from the database tables, and later on this page can be printed clicking the provided button below the invoice. Also the printing part of the invoice is specified using code, excluding header, footer and side panel. (16IT139)

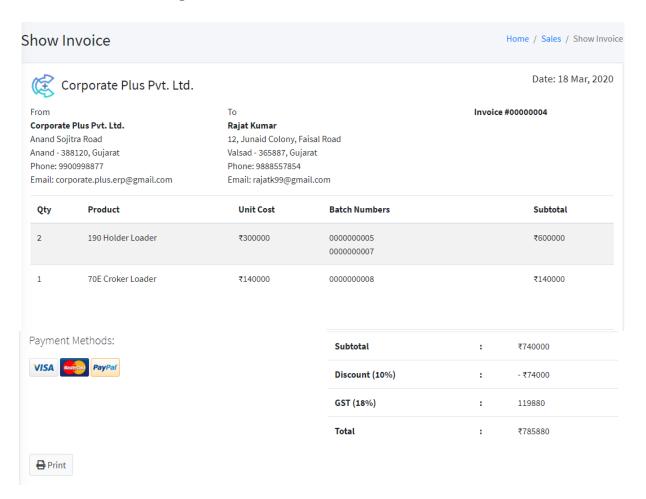


Fig 14.18 Show Invoice Page

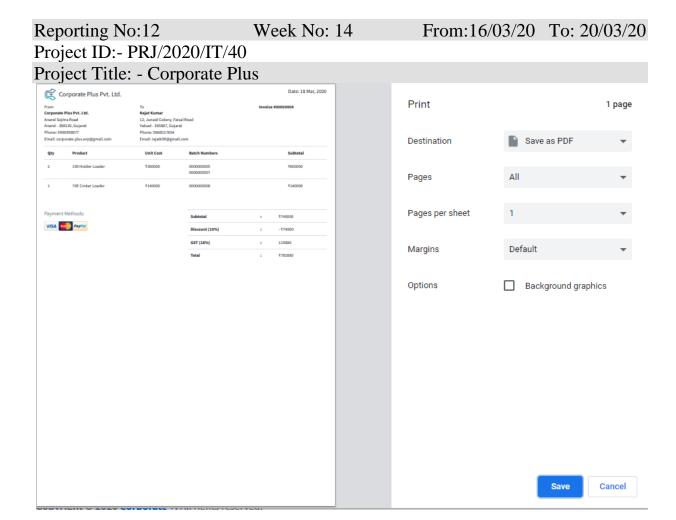


Fig 14.19 Print dialogue-box on clicking print button

6. Minor change was made in Manudactured Products list. A new column was added here, Sale description. The products which are not yet sold won't have any sale description, but the one which are sold will have and icon, clicking which, will lead to a new page giving the sale summary of that manufactured product. Now this feature (sale description column) will only be visible to the user, if they have access to the sale related pages. (16IT139)

Reporting No:12 Week No: 14 From: 16/03/20 To: 20/03/20 Project ID:- PRJ/2020/IT/40 Project Title: - Corporate Plus Manufactured Products Home / Manufactured Products List of Manufactured Products \oplus Search Q Raw Materials' Quantities Used Product Mfg. Date **Batch Number** Manufactured By Status Description **③** USR00001 **Bolt Elevation** 18 Mar, 2020 0000000011 AVAILABLE USR00001 **③** Extractor 18 Mar, 2020 000000010 AVAILABLE **③** Extractor 18 Mar, 2020 000000009 USR00001 AVAILABLE 70E Croker Loader 18 Mar, 2020 8000000008 USR00001 SOLD 190 Holder Loader 18 Mar, 2020 000000007 USR00001 **③ Bolt Elevation** 18 Mar, 2020 000000006 USR00001 **③** SOLD

Fig 14.20 Manufactured Products page with newly added (Sale Description) column

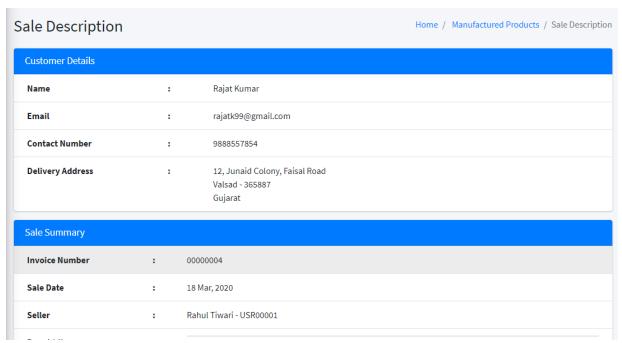


Fig 14.21 Sale Description Page

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7. In the page of available applicants, the amount of information of an applicant is high. Previously in this page, too much information made the page look shabby. Therefore, to make it less congested bootstrap modal was added to the page where all the applicant's details can be viewed smoothly in a modal pop-up. (16IT013)

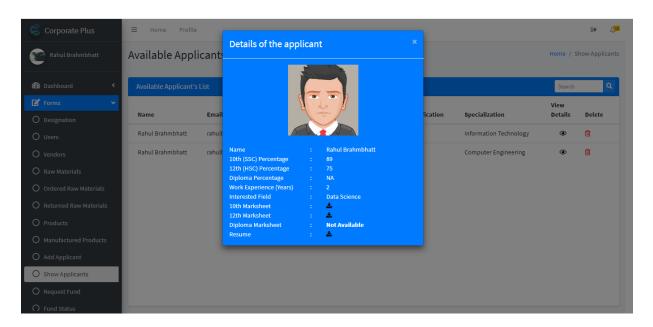


Fig 14.22 Available Applicants Page (Modified)

8. In the previous week, the on-site inquiry for the sales department was completed till the page where a sales person can take the follow-up of the customer. Now, taking that further this page of Customers (On Site) displays the list of people who have been confirmed as a customer by the sales department on a successful completion of a follow-up and sell of a product/(s) for which they inquired. (16IT013)

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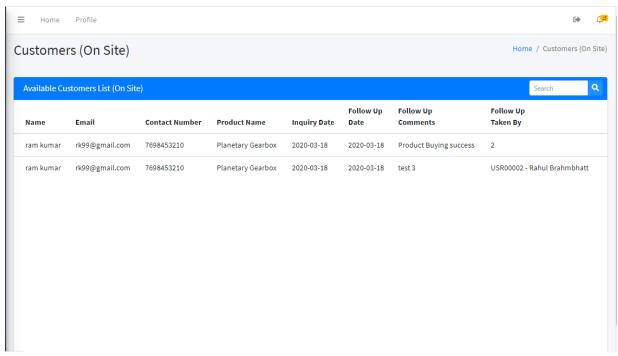


Fig 14.23 Customers (On-site) page.

9. In the case where there is a defect in the product that was manufactured by the company, there needs to be a service department which works on maintenance and service of the products that are sold to the customer. Thus, a page to return the product/ request a service for the product has been created where the details such as an invoice number, customer's name, product name, quantity, etc. are taken to request a service for that product. Then, there is a page called 'Returned Products' which displays the list of products that have been returned with a function to take the service. (16IT013)

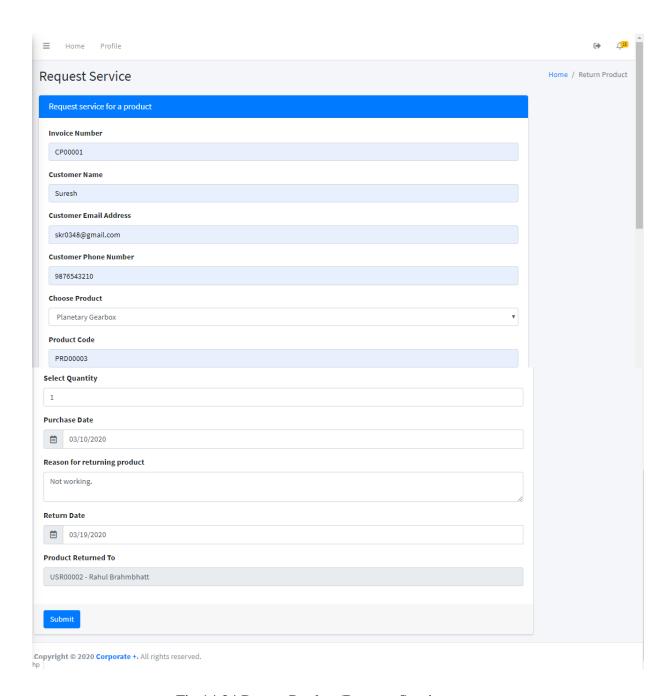


Fig 14.24 Return Product/Request Service page.

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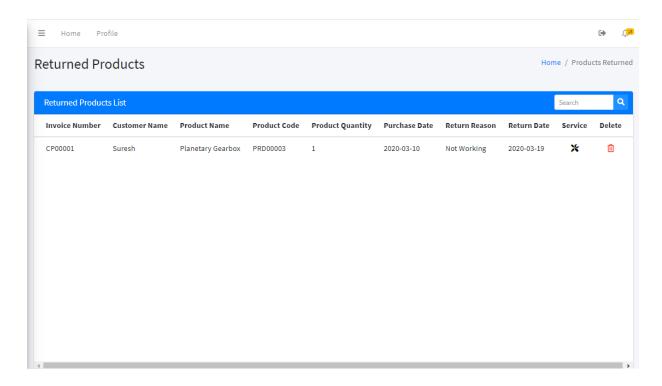


Fig 14.24 Returned Products page.

10. Now, on clicking the service icon, a new page called 'Product Service' will be opened (if user is having the access). This page is not shown in the left navigation panel, rather it is made available when service icon corresponding to a product is clicked so that redundancy can be reduced and the system can be made simpler. The path to this page is Home/Products Returned/Product Service. Also, the database for follow up is made so simple using the 'return_id' of return_product table as a foreign key and 'service_id' of product_service as a primary key. The page has additional fields like service date, summary of the product service, and an option to either return the product once it has been serviced or replace the product if it can't be serviced. (16IT013)

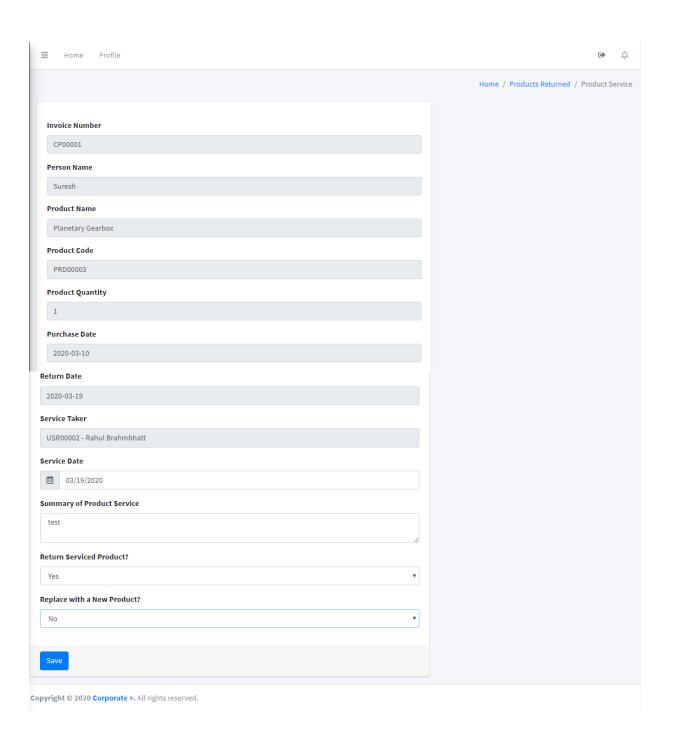


Fig 14.25 Product Service page.

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Fig 14.26 product_service database.

11. Creating a page called 'Serviced Products' which will keep the record of the products that have been serviced by the service department of the company and returned to the customer upon a successful service completion of the product. Here, the list will contain only the products that have been serviced and not replaced. (16IT013)

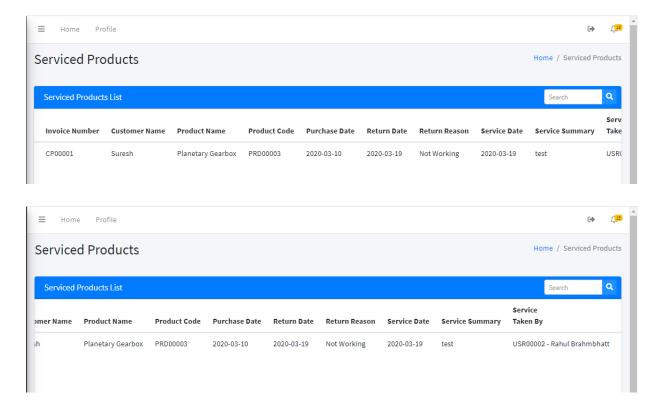


Fig 14.27 Serviced Products page.