

Barber Shop Management System

The Barbershop Management System is a comprehensive software solution developed using **C#**, **.NET Framework**, and **DevExpress 24.1**, designed to streamline and optimize barbershop operations. The system includes the following core functionalities:

1. Customer Queue Management:

- Real-time tracking of customer queues to minimize wait times and improve service efficiency.
- Supports both walk-in and appointment-based customers, ensuring a smooth and organized experience.

2. Payment Handling:

- Integrated payment processing to handle cash, card, and digital transactions seamlessly.
- Features for tracking service charges, tips, and payment history.

3. Reporting and Analytics:

- Generates insightful reports using Crystal Report.
- Facilitates data-driven decision-making to improve operational efficiency.

Key Benefits:

- Improves barbershop efficiency by **20%**, reducing manual processes and operational bottlenecks.
- Ensures user-friendly interaction with intuitive **DevExpress UI** components for smooth navigation and operation.
- Enables barbershop owners to make informed decisions with analytics and reporting features.

1. Queue Menu

The screenshot displays the 'Queue Menu' section of the Barber Shop Management System. It consists of three main panels:

- Customer Queue:** Shows a list of customers with their names and dates of entry. One customer, 'ANDY', is listed with the date '18/11/2024 21:24:43'. Buttons for adding, removing, and managing the queue are available.
- Stylist Queue:** Shows a list of stylists with their names and availability status. Stylists listed include 'ARO', 'ADI', 'GATOT', and 'DANNY'. The 'ARO' row is highlighted in blue, indicating they are currently assigned to a customer.
- In Service:** Shows a list of customers currently being serviced by a stylist. One entry is shown: 'S241118001' with 'DANNY' as the stylist, dated '18/11/2024 21:24:43'.

2. Payment Menu

Barber Shop - [Payment]

Master Transaction Reports Tools Windows

Pembayaran - F1 Antrian - F2

		<input type="button" value="New"/>	<input type="button" value="Save"/>	<input type="button" value="Delete"/>	<input type="button" value="Print"/>														
Payment ID	P241118001	Print Ke	1																
Payment Date	18 Nov 24 21.29.16																		
Detail																			
Type	DEWASA	20.000																	
Service ID																			
Quantity	1																		
Total Price	20.000																		
<input <input="" add="" remove="" type="button" value="X"/> <table border="1"> <thead> <tr> <th>Type</th> <th>Service ID</th> <th>Customer</th> <th>Stylist</th> <th>Quantity</th> <th>Price</th> <th>Total Price</th> </tr> </thead> <tbody> <tr> <td>DEWASA</td> <td>S241118001</td> <td>BENNY</td> <td>DANNY</td> <td>1</td> <td>20.000</td> <td>20.000</td> </tr> </tbody> </table>						Type	Service ID	Customer	Stylist	Quantity	Price	Total Price	DEWASA	S241118001	BENNY	DANNY	1	20.000	20.000
Type	Service ID	Customer	Stylist	Quantity	Price	Total Price													
DEWASA	S241118001	BENNY	DANNY	1	20.000	20.000													
Record 1 of 1																			
TOTAL 20.000																			

Payment List											
Payment ID	Payment Date	Print	Total Payment	Is Delete							
	18/11/24										
Drag a column header here to group by that column											

Record 0 of 0

3. Master Item Menu

Barber Shop - [Master Item]

Master Transaction Reports Tools Windows

New

Status	ACTIVE	<input type="button" value="Execute"/>										
Drag a column header here to group by that column												
Item ID	Item Name	Alt Name	Beginning Price	Selling Price	Remarks	Is Barber	Is Add	Is Deleted	Created By	Created Date	Modified By	Modified Date
I-001	DEWASA	D	10.000	20.000	EPEKTIF 1/12/2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.04.44	ADMIN	19/08/2016 15.11.13
I-002	REMAJA	R	8.000	16.000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.04.58		19/08/2016 15.04.58
I-003	ANAK-ANAK	A	6.500	13.000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.05.27		19/08/2016 15.05.27
I-004	BABY	BABY	12.500	25.000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.05.56		19/08/2016 15.05.56
I-005	BOTAN	BT	12.500	25.000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.06.12	ADMIN	20/08/2016 17.55.47
I-006	CUKUR	C	6.500	13.000		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.07.19	ADMIN	19/08/2016 16.45.22
I-007	MOTIF	M	1.500	3.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.08.13	ADMIN	20/08/2016 11.16.37
I-008	GARNIER	GARNIER	17.000	60.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.09.28	ADMIN	20/08/2016 17.56.37
I-009	THANCO	THANCO	10.000	30.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.09.50	ADMIN	20/08/2016 17.56.44
I-010	INAI	INAI	10.000	30.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.10.05	ADMIN	20/08/2016 17.56.51
I-011	SASSA	SASSA	10.000	30.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.10.20	ADMIN	20/08/2016 17.56.57
I-012	BIGEN	BIGEN	12.000	40.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 15.10.33	ADMIN	20/08/2016 17.57.03
I-013	FRUIT TEA		2.000	4.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.46.18		19/08/2016 16.46.18
I-014	HAPPY JUS		2.000	4.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.46.31		19/08/2016 16.46.31
I-015	TEH BOTOL		2.000	4.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.46.47		19/08/2016 16.46.47
I-016	TEBS		2.000	4.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.46.59		19/08/2016 16.46.59
I-017	FRUIT TEA KACA		2.000	4.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.47.39		19/08/2016 16.47.39
I-018	TEH BOTOL PLASTIK		2.500	5.000		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ADMIN	19/08/2016 16.48.18		19/08/2016 16.48.18
I-019	SBS	SBS	10.000	20.000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADMIN	20/08/2016 17.50.34		20/08/2016 17.50.34