

# 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' interface of the Barber Shop Management System. The window title is 'Barber Shop - [Payment]'. The menu bar includes 'Master', 'Transaction', 'Reports', 'Tools', and 'Windows'. The main area is divided into three panels: 'Customer', 'Stylist', and 'In Service'. Each panel has a search bar, action buttons (Add, Remove, Down, Up, Refresh), and a data table.

**Customer Panel:**

No	Customer Name	Date
1	ANDY	18/11/2024 21.24.43

**Stylist Panel:**

Stylist	Date	Available
ARO	01/10/2016 09.03.55	<input checked="" type="checkbox"/>
ADI	01/10/2016 08.12.15	<input checked="" type="checkbox"/>
GATOT	01/10/2016 08.33.32	<input checked="" type="checkbox"/>
DANNY	01/10/2016 08.29.56	<input type="checkbox"/>

**In Service Panel:**

No	Stylist	Customer Name	Cek In
S241118001	DANNY	BENNY	18/11/2024 21

## 2. Payment Menu

Barber Shop - [Payment]

Master Transaction Reports Tools Windows

Pembayaran - F1 Antrian - F2

New Save Delete 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

+ Add - Remove

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 Date: 18/11/24 To 18/11/24

Drag a column header here to group by that column

Payment ID	Payment Date	Print	Total Payment	Is Deleted
==	==	==	==	==

Record 0 of 0

## 3. Master Item Menu

Barber Shop - [Master Item]

Master Transaction Reports Tools Windows

New Detail Delete Refresh

Status: ACTIVE 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	EFEKTIF 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	BOTAK	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