

# Fast Food KPI Dashboard – Design Document

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## 1. Project Overview

The **Fast Food KPI Dashboard** is a C# WinForms desktop application designed for restaurant managers and franchise operators. It allows users to monitor key performance indicators (KPIs) such as:

- Daily Sales
- Revenue Tracking
- Customer Foot Traffic
- Exportable Reports

This tool helps fast food businesses make data-driven decisions with ease using visual analytics and built-in export options.

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## 2. Technical Stack

- **Language:** C#
  - **Framework:** .NET (WinForms)
  - **Database:** Microsoft Access (.accdb)
  - **UI Tools:** Windows Forms Designer
  - **Export Tool:** Built-in PDF generation (SaveFileDialog & Report export)
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## 3. Features

Feature	Description
Sales Tracking	Logs daily sales by day of week

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Revenue Reports	Tracks dollar amounts tied to each entry
Customer Analytics	Measures foot traffic per day
Chart Visualization	Dynamic bar/column charts with filters
Export PDF Button	Allows exporting reports directly as PDF
Excel Import Option (Future)	Load data from Excel for quicker reporting

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#### 4. Screenshot

*Insert your uploaded dashboard image here: KPI Dashboard - Demo Franchise.png*

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#### 5. Data Schema Example

**Access Table: tblKPI**

ID	Day	Sales	Revenue	Customers
4	Mon	75	\$500.00	45
5	Tue	90	\$650.00	60
...	...	...	...	...

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#### 6. Future Improvements

- Excel/CSV import/export
  - Monthly/Quarterly KPIs
  - Admin login for multiple users
  - Integration with Google Sheets or SQL Server
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#### 7. Usage

1. Launch the application

2. Enter or import sales data
3. View real-time visual charts
4. Export the PDF summary for management