



Cutting Edge Inventory Management

Introduction

Problem



Labor Intensive



Time consuming

- Time wasted on physically counting inventory
- Miscount inventory
- Losing track of data

Low Productivity:

Solution



Normalizing Data



Object-Oriented Programming



Data Management System:

All data inputs are normalized and graphically displayed for easy use by the client.



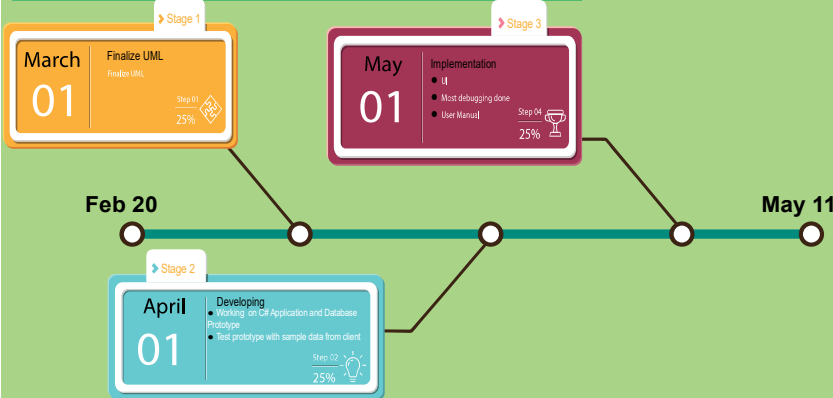
Finding scope



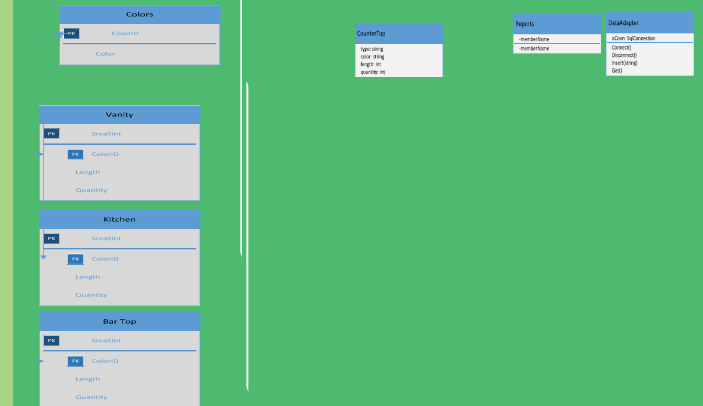
Utilities Functions

Project Planing

Schedule & Approach



UML



Software Design

Cutting Edge Inventory Application

File Edit View Help

Add Inventory

☐ Kitchen ☐ 27" Bar ☐ 36" Bar

Length (ft)

Color #

Submit

Add Color

Color #

Add

| ColorID | Color |
|---------|---------|
| 1 | 7732-58 |
| 19 | 7734-58 |
| 20 | 4825-07 |
| 21 | 1876-35 |
| 22 | 4595-52 |

| Color | Length |
|---------|--------|
| 7732-58 | 1 |
| 7732-58 | 18 |
| 7732-58 | 5 |
| 7732-58 | 10 |
| 7732-58 | 11 |

| Color | Length | Width |
|---------|--------|-------|
| 7732-58 | 4 | 36 |
| 7732-58 | 100 | 27 |
| 7732-58 | 5 | 27 |
| 7732-58 | 5 | 27 |
| 4595-52 | 50 | 36 |

Save Changes Discard Changes Cancel

API & Framework

- .NET Framework
- iText
- LINQ