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| Подключение | Вывод данных |
| class DbConnection  {  private static Model.Model1 **first**;  public static Model.Model1 GetContext()  {  if(**first**==null)  { **first**=new Model.Model1(); }  return **first**;  }  } | InitializeComponent();  var **product** = Controller.DbConnection.GetContext().**Product**.ToList();  LWProduct.ItemsSource= **product**;  posle.Text = product.Count.ToString(); |
|  | Поиск |
| private void Poisk()  {  var **prod** = Controller.DbConnection.GetContext().**Product**.ToList();  **prod**=Contr.DbConn.GetContext().Product.Where(x=>x.ProductName  .StartsWith(PoiskTB.Text)).ToList();  LWProduct.ItemsSource= **prod**.OrderBy(x=>x.ProductName).ToList();  dot.Text = prod.Count.ToString();  } |

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| Переход для редактирования | Удаление |
| if (LWProduct.SelectedItems.Count > 0)  {  Model.Product **Stroka** = LW.SelectedItems[0] as Model.Product;  Redaktor perexod = new Redaktor(**Stroka**);  perexod.Show();  this.Close();  }  else  {  MessageBox.Show("Выбери продукт");  } | if (LWProduct.SelectedItems.Count > 0)  {  Model.Product **stroka** = LW.SelectedItems[0] as Model.Product;  Controller.DbConnection.GetContext().Product.Remove(**stroka**);  Controller.DbConnection.GetContext().SaveChanges();  }  else  {  MessageBox.Show("Выбери продукт");  } |

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| Сортировка по возраст и убыв | Окно редактирования |
| private void ComboBox\_SelectionChanged(object sender, e)  {  Utag=Convert.ToInt32(((ComboBoxItem)lox1.SelectedItem).Tag.ToString());  Sort();  }  private void Sort()  {  var **sortl** = Controller.DbConnection.GetContext().Product.ToList();  if (Utag == 1)  **sortl** = **sortl**.OrderBy(x => x.ProductName).ToList();  if (Utag == 2)  **sortl** = **sortl**.OrderByDescending(x => x.ProductName).ToList();  LWProduct.ItemsSource = **sortl**;  } | private readonly Model1 save=Controller.DbConnection.GetContext();  Product Selekt;  public Redaktor(Product Stroka)  {  InitializeComponent();  Selekt = Stroka;  **cena.Text = Stroka.ProductCost.ToString();**  }  private void Button\_Click\_1(object sender, RoutedEventArgs e)  {  **Selekt.ProductCost = Convert.ToDecimal(cena.Text);**  save.SaveChangesAsync();  } |

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| Добавление в базу | Авторизация |
| Model.Model1 model = new Model.Model1();  Model.Product prod = new Model.Product();  prod.ProductQuantityInStock=Convert.ToInt32(kolich.Text);  model.Product.Add(prod);  model.SaveChanges(); | Model1 db = Controller.DbConnection.GetContext();  var role=db.User.Where(x=>x.UsrPas==Pas.Text&&x.UsrLog==Log.Text).FirstOrDefault();  if(role != null) {switch (role.UserRole)  { case 1:  WindowClient perexod = new WindowClient();  perexod.Show();  this.Close();  break; }  } else {} |

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| Сортировка по скидке |
| if(Utag2== 1)  sortl=sortl.Where(x=>x.ProductDisco>= 2&& x.ProductDisco< 4).ToList();  if (Utag2 == 2)  sortl=sortl.Where(x=>x.ProductDisco>= 3&& x.ProductDisco< 5).ToList();  if (Utag2 == 3)  sortl= sortl.Where(x=>x.ProductDisco>= 4).ToList(); |