现代操作系统应用开发实验报告

学号：   15331418   **班级   :**   晚上班

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Adaptive UI
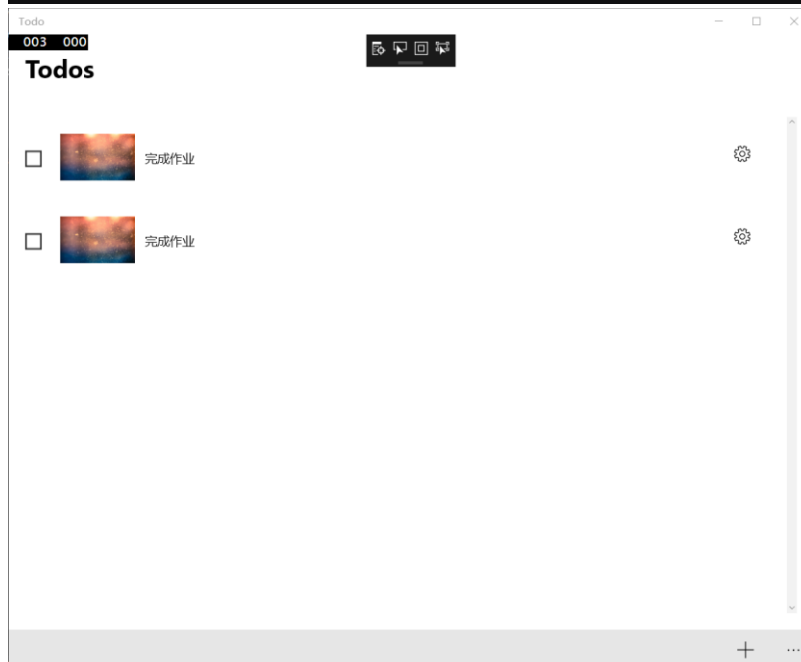
一.参考资料

百度相关资料

二.实验步骤

MainPage 关键代码：
实现页面跳转与 checkbox 点击事件

```csharp
private void AddAppBarButton_Click(object sender, RoutedEventArgs e)
{
    // TODO
    //Frame rootFrame = Window.Current.Content as Frame;
    Frame.Navigate(typeof(NewPage));

}
private void CheckBox1Click(object sebder, RoutedEventArgs e)
{
     Line1.Visibility = Visibility;
}
private void UnCheckBox1Click(object sebder, RoutedEventArgs e)
{
    Line1.Visibility = Visibility.Collapsed;
}
private void CheckBox2Click(object sebder, RoutedEventArgs e)
{
    Line2.Visibility = Visibility;
}
private void UnCheckBox2Click(object sebder, RoutedEventArgs e)
{
    Line2.Visibility = Visibility.Collapsed;
}
```


NewPage 关键代码：

Create 操作之后的检测与弹出消息数组的存放

```csharp
private void CreateButtonClick(object sender, RoutedEventArgs e)
{
    bool SomeThingWrong = false;
    string message = "";
    if (Title.Text == "")
    {
        message += "Title is empty\n";
        SomeThingWrong = true;
    }
    if(Details.Text == "")
    {
        message += "Details is empty\n";
        SomeThingWrong = true;
    }
    DateTime DataPickTime = DataPick.Date.DateTime;
    if(DateTime.Compare(DataPickTime, DateTime.Now.Date) < 0)
    {
        message += "Date is wrong\n";
        SomeThingWrong = true;
    }
    if (SomeThingWrong)
    {
        var WrongMessage = new MessageDialog(message).ShowAsync();
        Title.Text = "";
        Details.Text = "";
        DataPick.Date = DateTime.Now.Date;
    } else
    {
        var Message = new MessageDialog("Creat you todo list suceessful!").ShowAsync
        Title.Text = "";
        Details.Text = "";
        DataPick.Date = DateTime.Now.Date;
    }
}
```

取消操作的重置以及选择图片的 api

```csharp
private void CancelButtonClick(object sender, RoutedEventArgs e)
{
    var Message = new MessageDialog("you have canceled the creation!").ShowAsync(
    Title.Text = "";
    Details.Text = "";
    DataPick.Date = DateTime.Now.Date;
}
//select pic btn
private async void SelectPictureButtonClick(object s, RoutedEventArgs e)
{
    var picker = new Windows.Storage.Pickers.FileOpenPicker();
    picker.ViewMode = Windows.Storage.Pickers.PickerViewMode.Thumbnail;
    picker.SuggestedStartLocation = Windows.Storage.Pickers.PickerLocationId.Pict
    picker.FileTypeFilter.Add(".jpg");
    picker.FileTypeFilter.Add(".jpeg");
    picker.FileTypeFilter.Add(".png");
    Windows.Storage.StorageFile file = await picker.PickSingleFileAsync();
    if(file != null)
    {
        using (IRandomAccessStream filestream = await file.OpenAsync(Windows.Stor
        {
            BitmapImage bitmapimage = new BitmapImage();
            bitmapimage.DecodePixelWidth = 600;
            await bitmapimage.SetSourceAsync(filestream);
            img.Source = bitmapimage;
        }
    }else
    {
        var WrongMessage = new MessageDialog("cancell select picture").ShowAsync(
    }
}
```

← Todo   — □ ×

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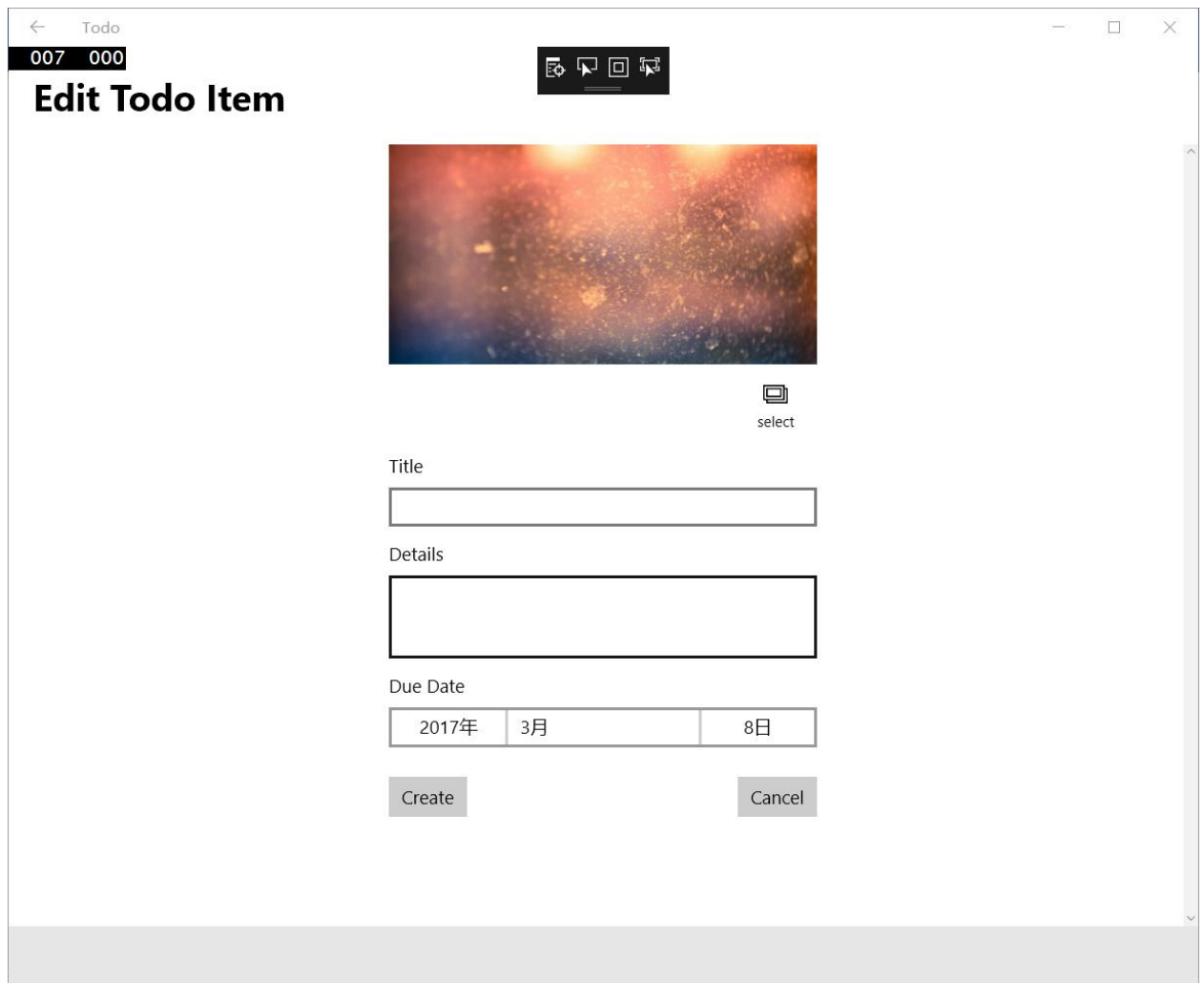# Edit Todo Item

select

Title

Details

Due Date

| 2017年 | 3月 | 8日 |

Create   Cancel

四．实验过程遇到的问题

找不到对应属性以及 api

五．思考与总结

对于控件位置的思考： 与网页相差不大，没什么问题

对于找不到对应属性以及 api 的问题：看好官网，用好搜索工具，例如 datepicker.date

以及 checkbox.uncheck 就好坑