

**Assignment 1**

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Desktop User Interface

# Summary

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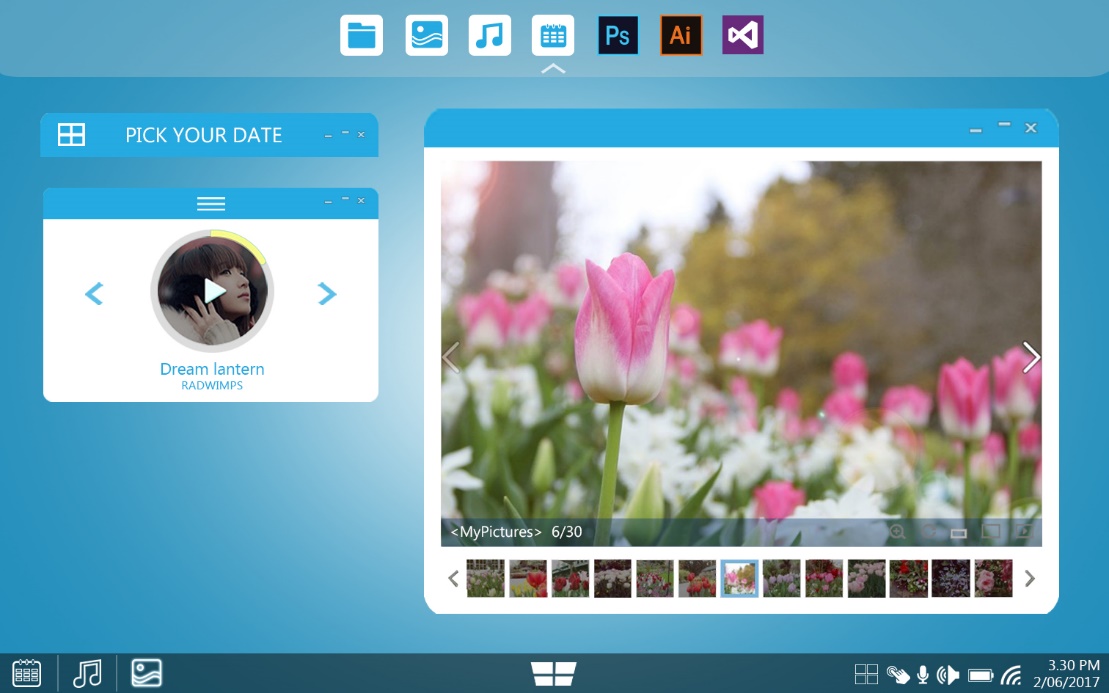
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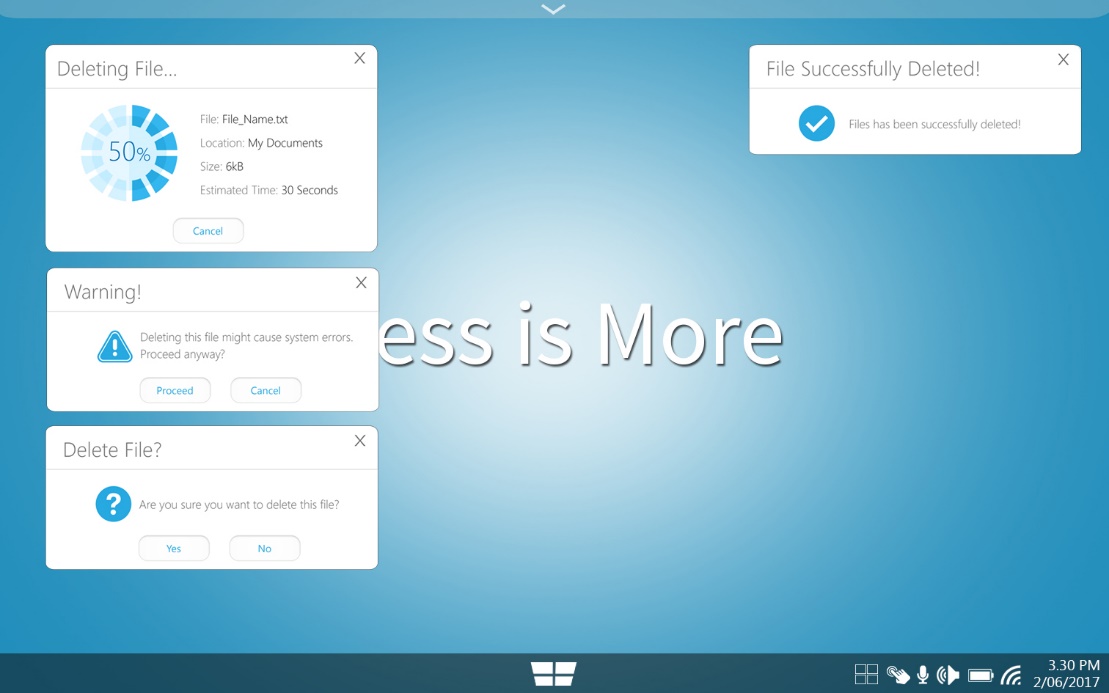
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# Desktop Design

Below are the sample screen designs. The redesigned User Interface is an improved version of the Windows Operating System.









# Principles

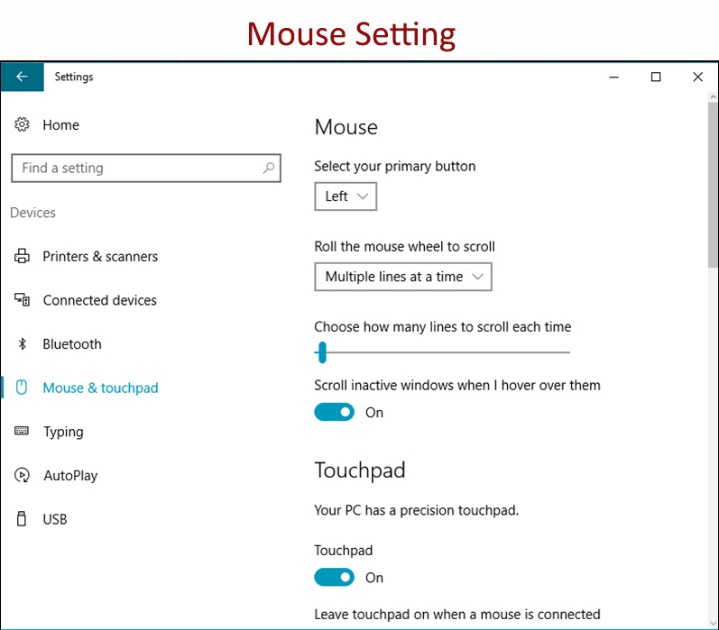
The following principles are demonstrated or shown in the evidences attached below.

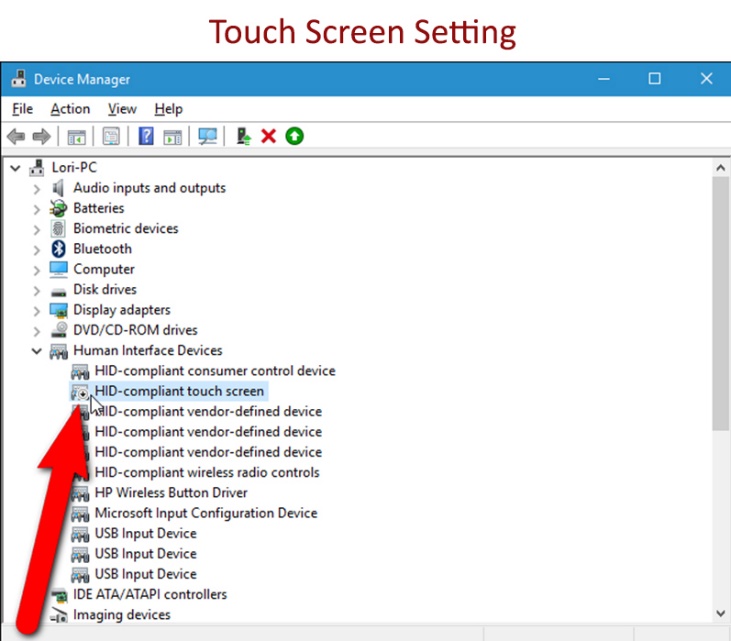
### Know Your Users

Given today’s current technology, the team opt to support multiple ways users can interact with the system. Since computers & laptops are built already with a touchpad, the system has the usual mouse input option. Second is the touch screen input, since there are also computers today that has this feature. Last is the “Cortana” user assistant. It stands as the same function as how we use Siri of ‘Ok Google’ functions. This helps improve the user experience since it acts as an assistant giving convenience to users in terms of searching for files, programs that could open a file or even send an email (like what we do with Siri). In summary, Mouse input, Touch screen, and Cortana Digital Assistant are the three different ways for Users to open the Apps.

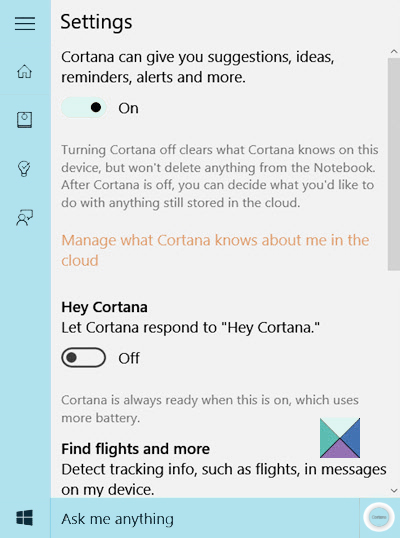


#### Supporting Evidence:





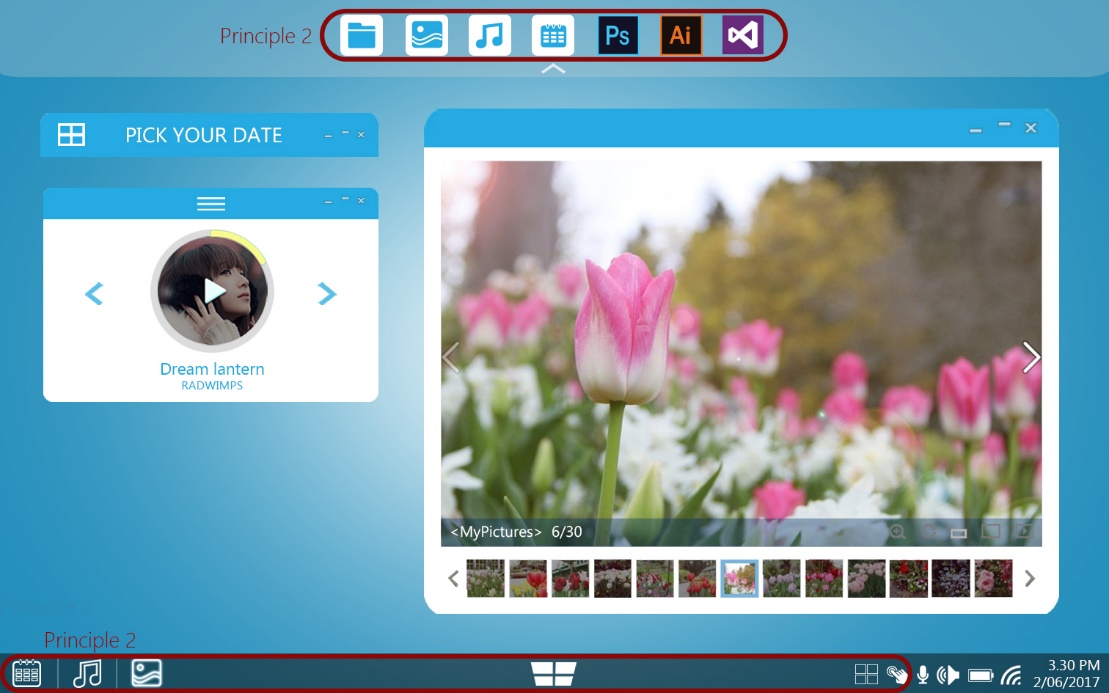
Cortana Voice Assistant Setting



### Make Affordances

The design below shows the user the different applications he/she could use. The design used the conventional windows logo but setting it in the middle. A drawer is placed on the top portion that holds applications that a user can customize. Applications displayed in the desktop, like the music app and date app is designed in an accordion manner that could be retracted. The photo app displays the pictures in the My Pictures folder below and emphasizes on the user which photo he/she is now viewing (by darkening other unselected photos).

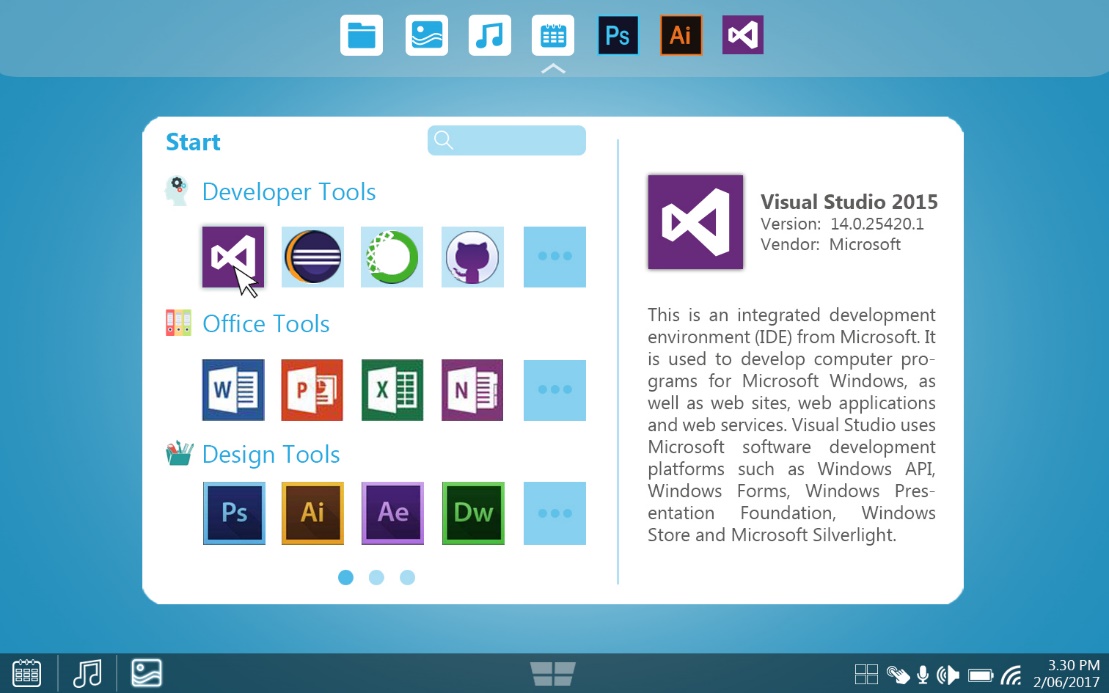
#### Supporting Evidence:



### Map Functionality

In terms of functionality, after clicking start button, the user can see the applications group per its purpose or use. When selected, the details of the application are displayed on the side. The user can opt to customize each grouping and arrange it per his/her will. A search functionality is also created to allow users to search for a specific application/file.

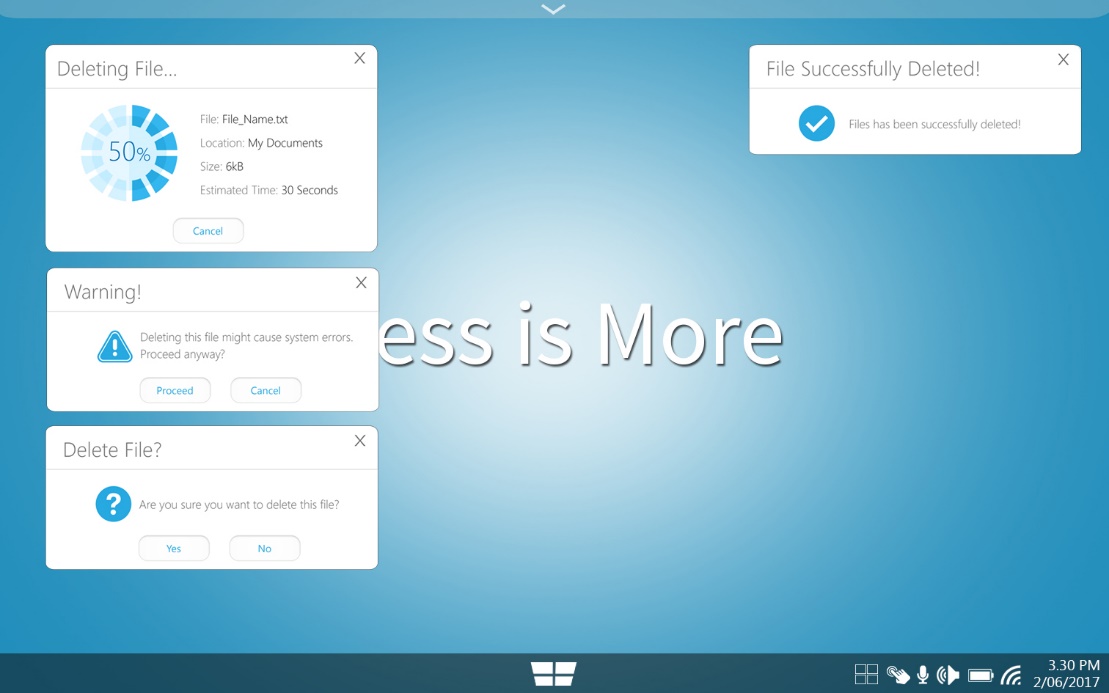
#### Supporting Evidence:

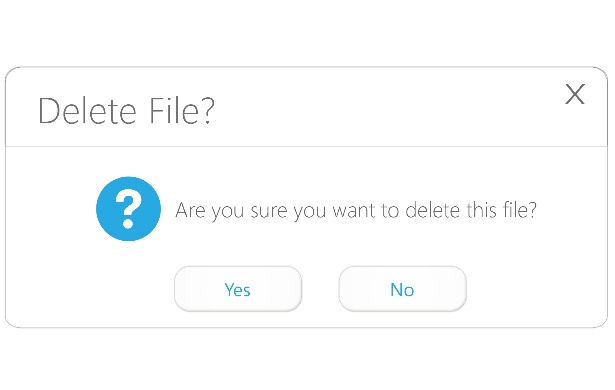
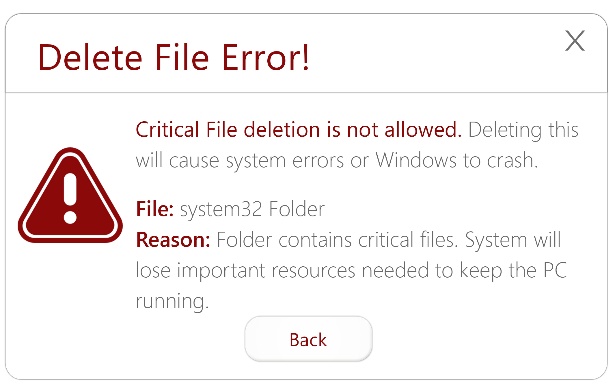


### Feedback

The feedback principle gives the user the messages/warning depending on his/her actions. If a file that is important in the system is to be deleted by a user, a warning message will show to ask for user confirmation before deleting. This warning message is only applicable to files that even if deleted, the system could still function but there is a chance of a minimal error. The same goes for normal file deletion, but a user will just be asked if he/she wants to delete the file. A progress bar is presented on the side to show the percentage of task completion.

#### Supporting Evidence:

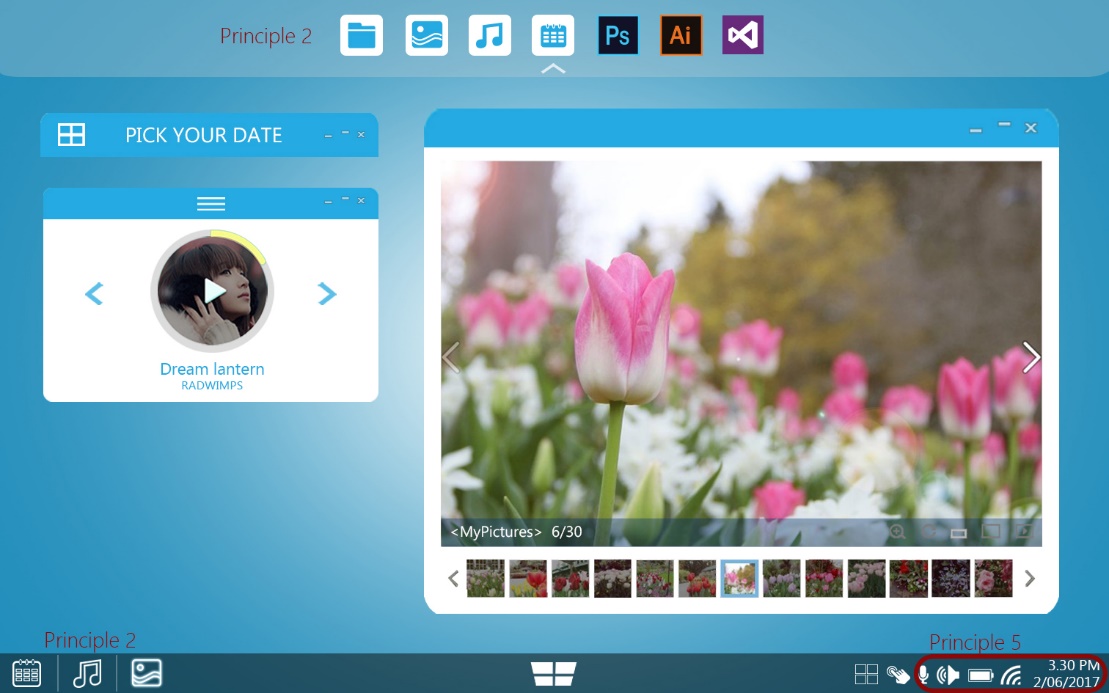
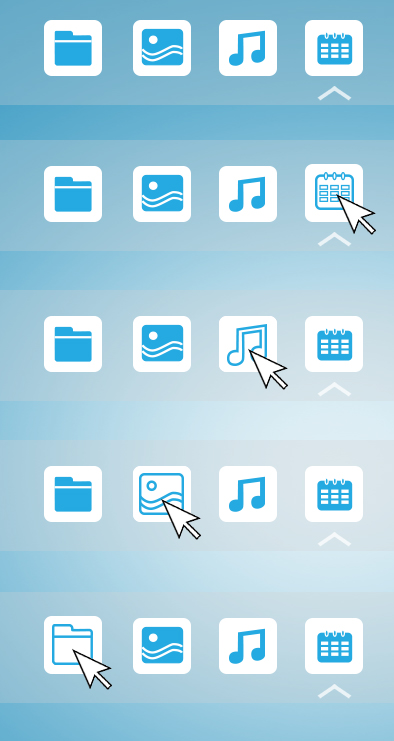


Deleting critical files is also prevented by the system.

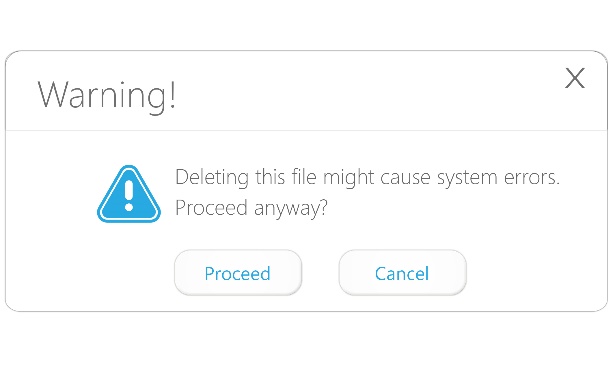
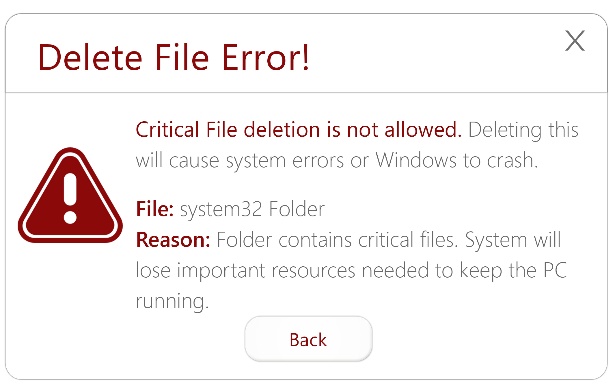
### Use Metaphors

#### Supporting Evidence:



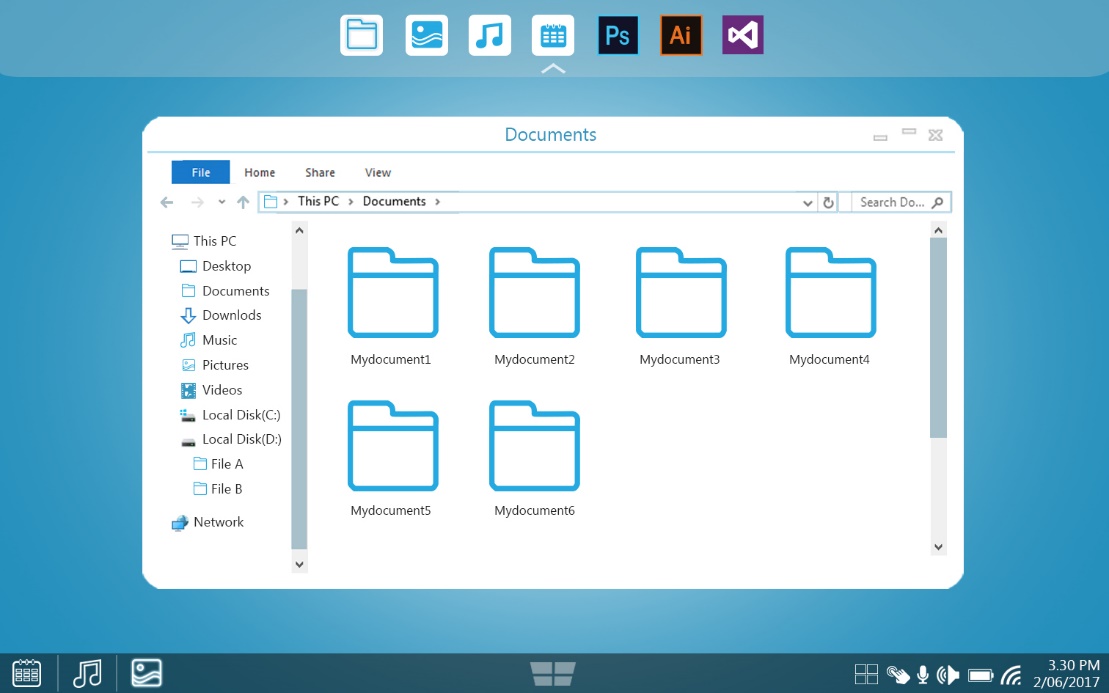
### Forcing Functions

#### Supporting Evidence:

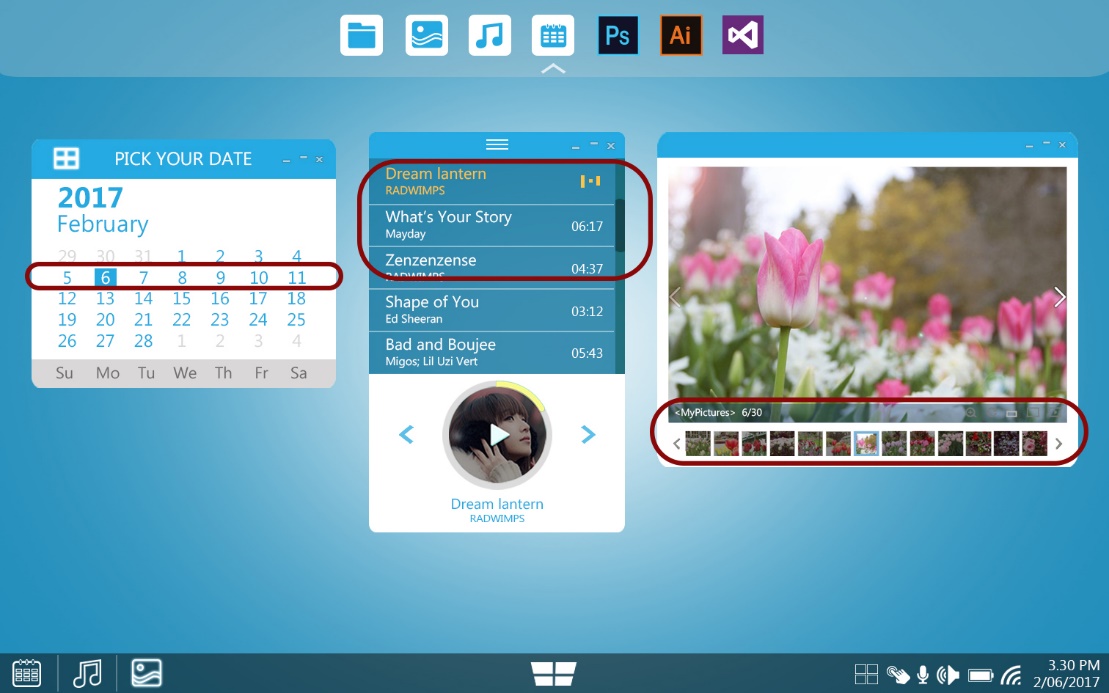
### Automatic Learning

#### Supporting Evidence:



### Context + Detail

#### Supporting Evidence:

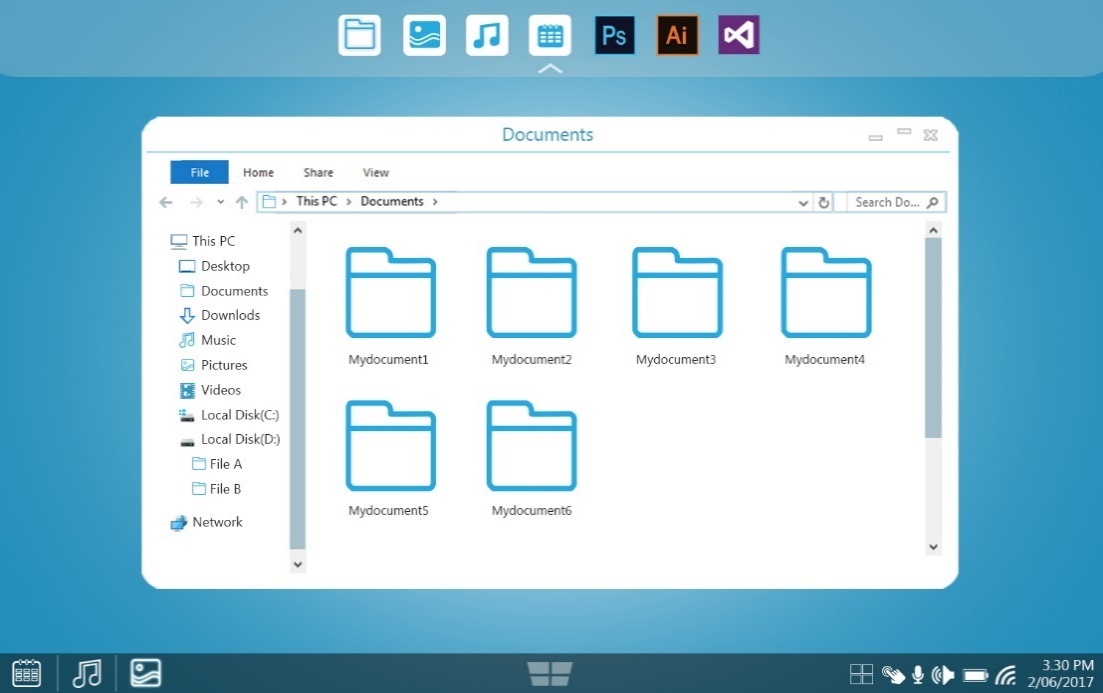


# Guidelines

Replace this text with your own. You can also replace the picture, at right, with your own.

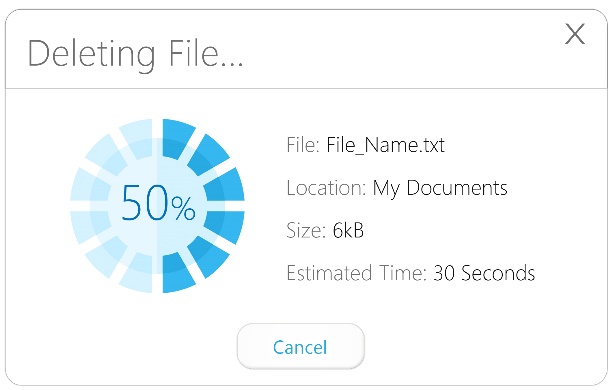
### Access functionality between multiple windows

#### Supporting Evidence of it being implemented:



### Progress Bars

#### Supporting Evidence of it being implemented:



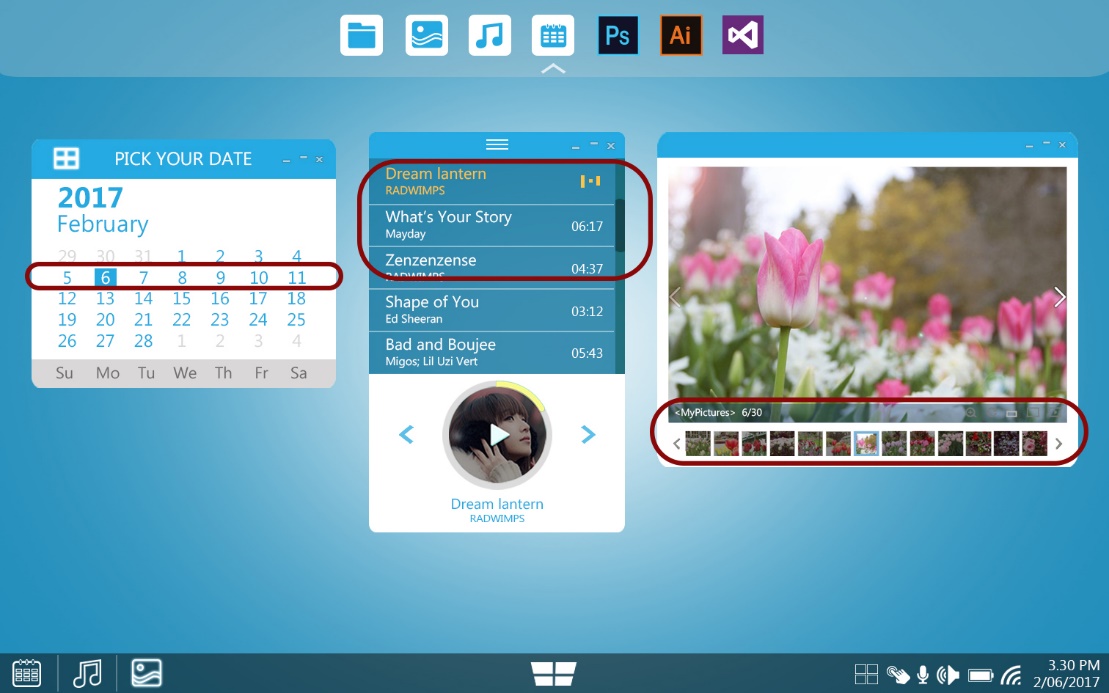
### Use of mouse over effects to show that element is actionable

#### Supporting Evidence of it being implemented:



### Use text to provide Explanation

#### Supporting Evidence of it being implemented:

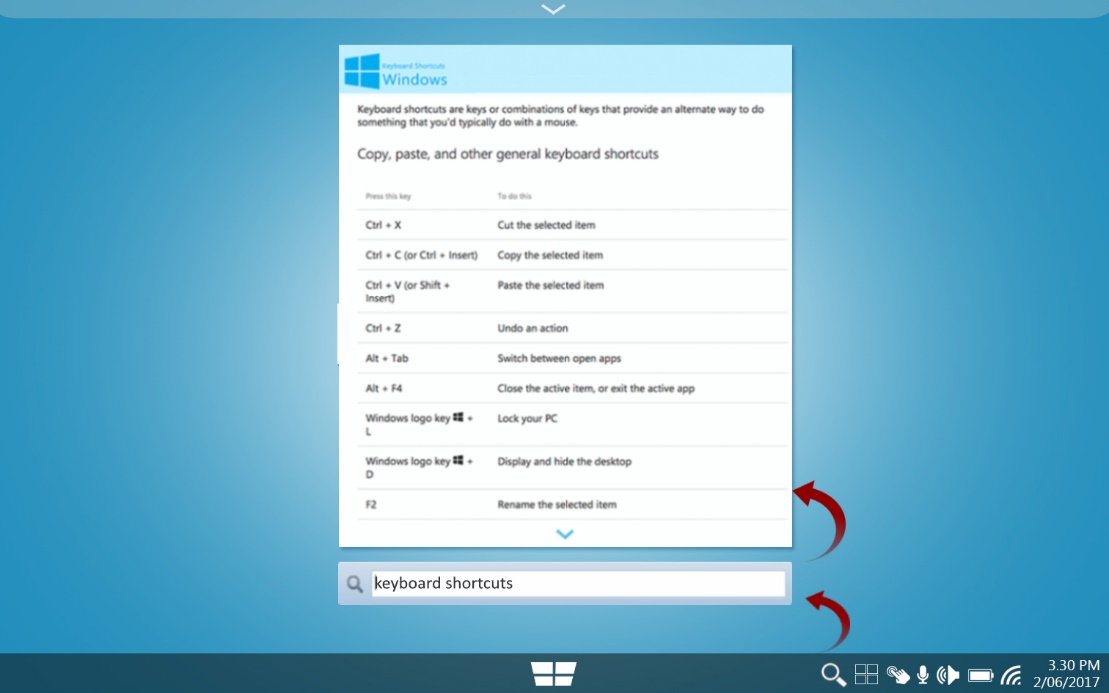


### Pleasurable to see & responsive

#### Supporting Evidence of it being implemented:

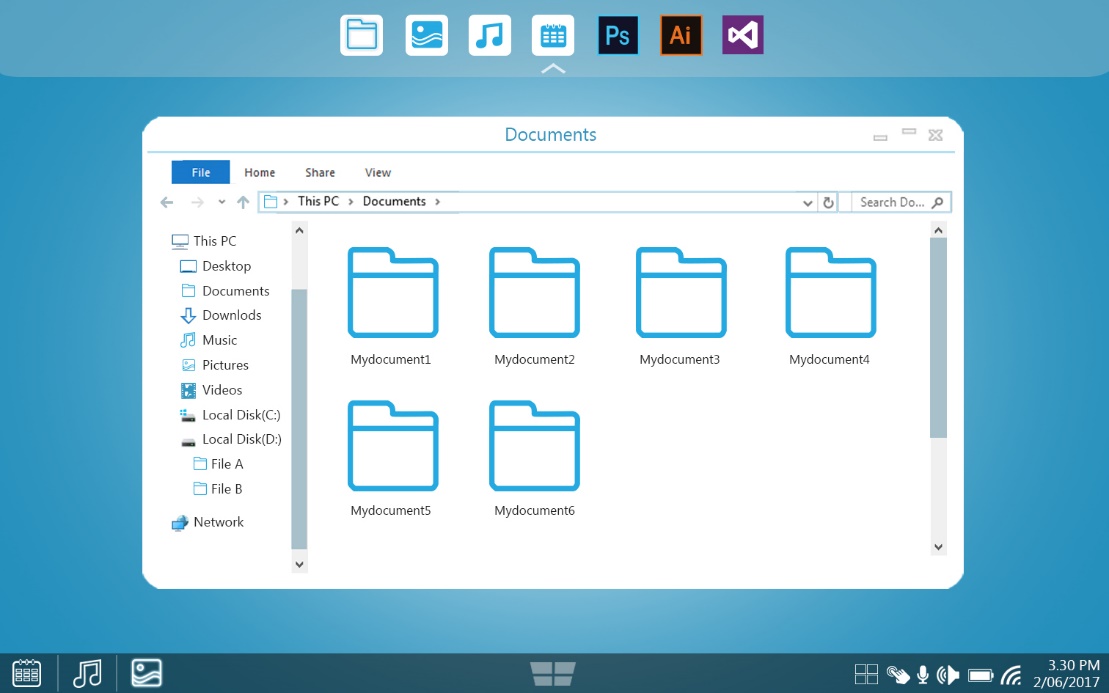
### Keyboard Shortcuts

#### Supporting Evidence of it being implemented:



### Use graphic elements to show hierarchy and relationships

#### Supporting Evidence of it being implemented:

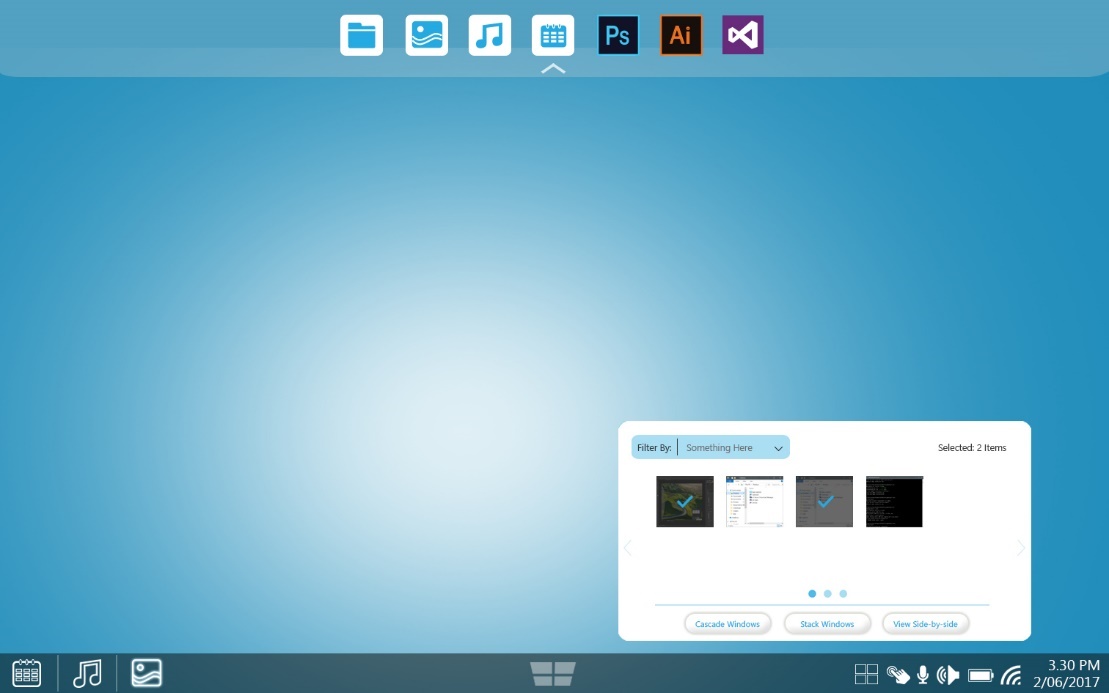


### Keep icons simple. Two icons should not share functionality.

#### Supporting Evidence of it being implemented:

### Selective window arrangement

#### Supporting Evidence of it being implemented:

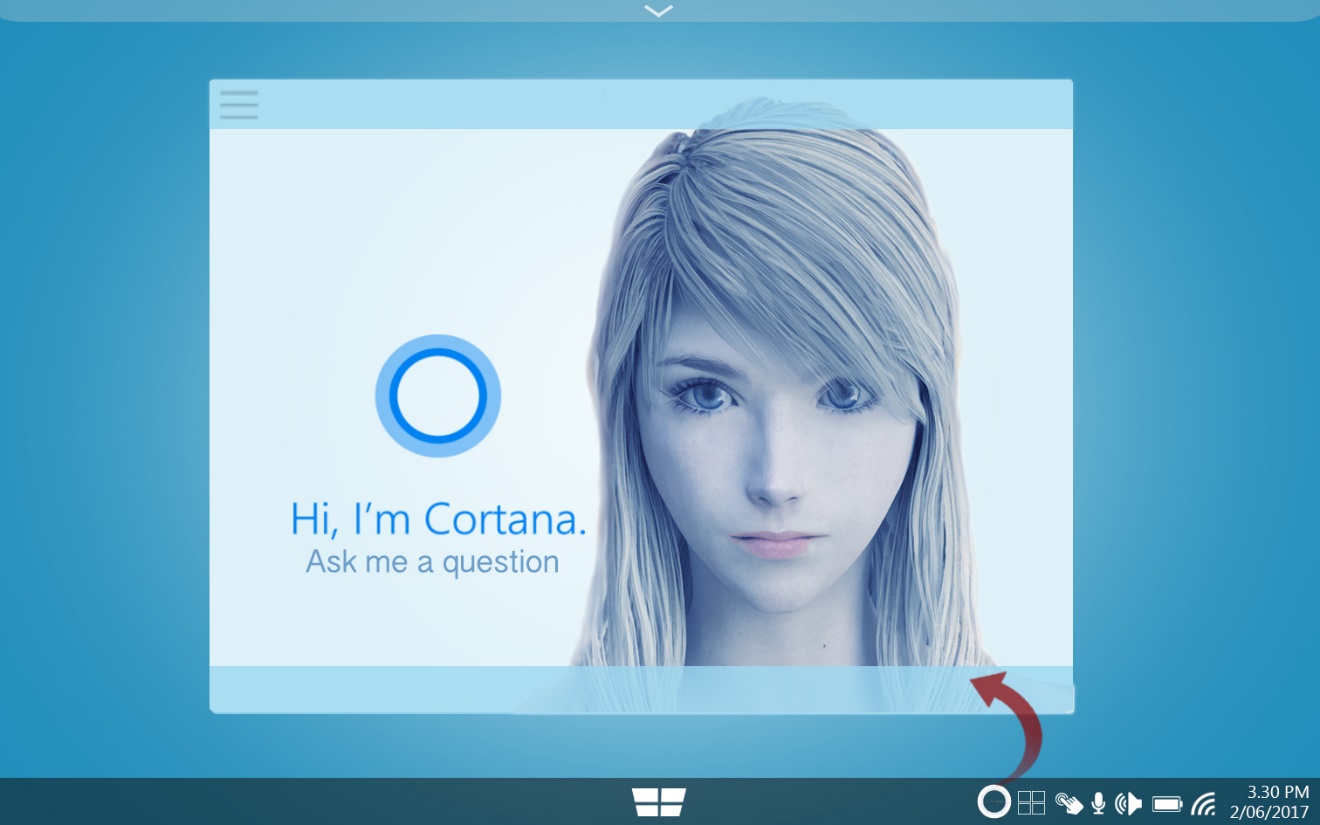


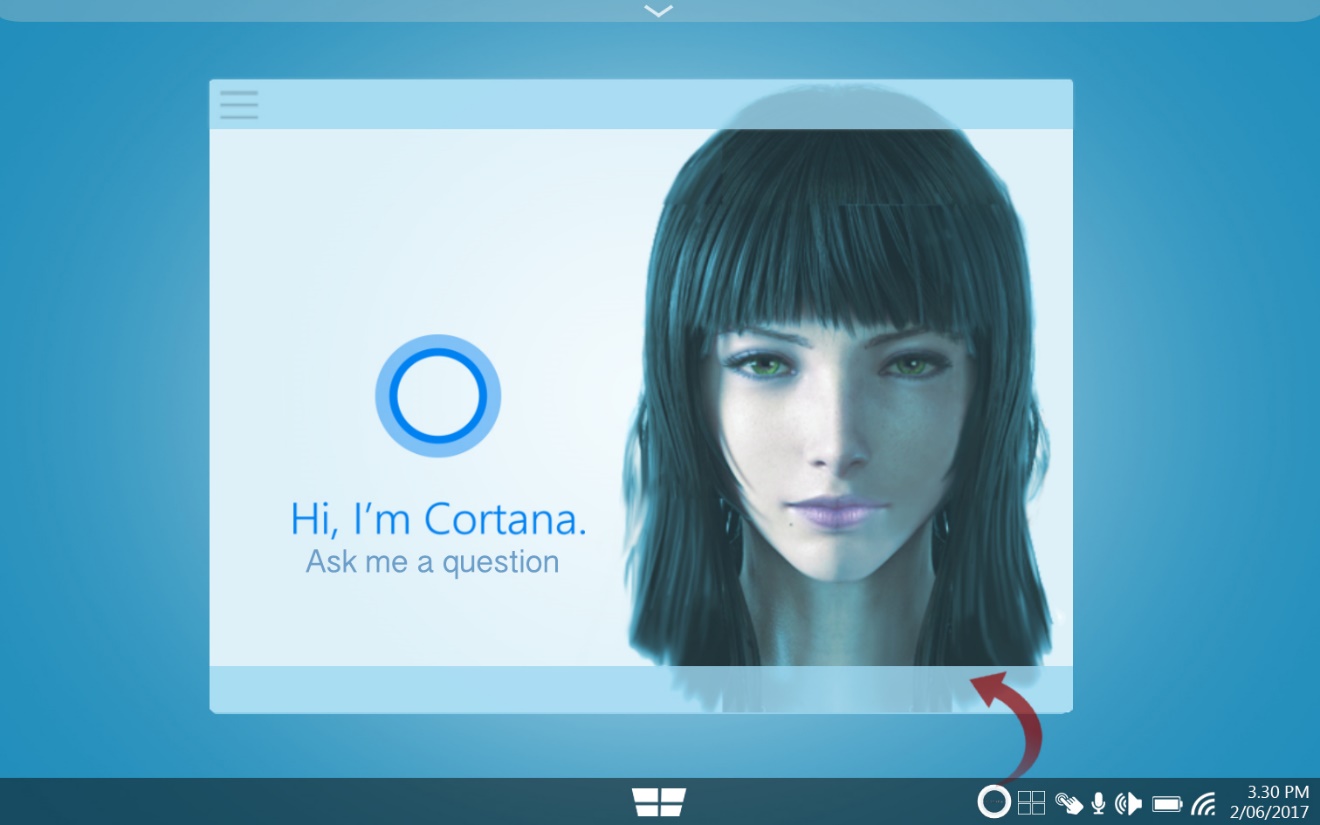
### Cortana Voice Assistant

Cortana is the true personal digital assistant and helping user to get things done by using voice commands, there are many more features to play with it. For example, User can choose how Cortana character could look likes etc.

#### Supporting Evidence of it being implemented:

Keyboard shortcut: Windows key + C to Open Cortana in listening mode.





# Head 1

You can insert pictures. You can also use charts created in Microsoft Excel.

Add a caption here

You can use SmartArt to help make your point.

Add a caption here